

## **Roll-off Box Content Removal and Decontamination Report**

Former US Oil Recovery Site  
400 N Richey Street  
Pasadena, Harris County, Texas

Prepared for:  
**US Oil Recovery Site PRP Group**

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February 5, 2016

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## Acronyms and Abbreviations

AOC:	Administrative Order on Consent
ALS:	ALS Environmental Laboratory
APR:	Air Purifying Respirator
BTU:	British Thermal Unit
CERCLA:	Comprehensive Environmental Response, Compensation, and Liability Act
Effective:	Effective Environmental, Inc.
ENVIRON:	Ramboll Environ US Corporation
Golder:	Golder Associates Inc.
H <sub>2</sub> S:	Hydrogen Sulfide
HASP:	Health and Safety Plan
HWDF:	Hazardous Waste Derived Fuel
Intergulf:	Intergulf Corporation facility
LEL:	Lower Explosive Limit
LNAPL:	Light Non-Aqueous Phase Liquids
MCC:	MCC Recycling
MSDS:	Material Safety Data Sheet
O <sub>2</sub> :	Oxygen
PID:	Photo-Ionization Detector
PPE:	Personal Protective Equipment
PRP:	Potentially Responsible Parties
psi:	pounds per square inch
QAPP:	Site Monitoring and Stabilization Quality Assurance Project Plan
RCI:	Reactivity, Corrosivity and Ignitability
RCRA:	Resource Conservation and Recovery Act
Seabreeze:	Seabreeze Environmental Landfill
scfm:	standard cubic feet per minute
Sumter:	Sumter Transport Company
SVOC:	Semi-volatile Organic Compound
TB 48:	Truck Bay 48
TCEQ:	Texas Commission on Environmental Quality
TCLP	Toxicity Characteristic Leaching Procedure

TPH: Total Petroleum Hydrocarbons  
USEPA: United States Environmental Protection Agency  
USOR: US Oil Recovery  
VOC: Volatile Organic Compound

## 1 INTRODUCTION

A group of potentially responsible parties (PRPs) entered into an Administrative Settlement Agreement and Order on Consent (AOC) for a Time-Critical Removal Action (United States Environmental Protection Agency (USEPA) Region 6, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Docket No. 06-10-11) in connection with the US Oil Recovery (USOR) and MCC Recycling (MCC) properties, respectively, located at 400 North Richey Street and 200 North Richey Street in Pasadena, Texas 77506 (collectively referred to as the Site). Figure 1 shows the Site vicinity and Figure 2 shows the Site area. This AOC and all amendments and addenda thereto are referred to herein as the “August 25, 2011 AOC” or “AOC”. The properties are now under the custody and control of a court-appointed receiver. Therefore, the activities pursuant to the August 25, 2011 AOC are being performed by the USOR PRP Group in cooperation with the receiver and under the oversight of the USEPA.

This report presents the activities related to the removal and disposal of liquid and solids contained in roll-off boxes located at the USOR Property. The locations of the roll-off boxes prior to solids removal are shown on Figure 3. Roll-off box content removal activities were initially performed by Sumter Transport Company (Sumter) in accordance with the requirements of USEPA-approved Addendum 2 to AOC Work Plan: Containerized Materials Field Screening and Removal Work Plan (Addendum 2) included as Appendix A to this report. This addendum provided for the removal and transport of solids to permitted cement kilns for disposal as Hazardous Waste Derived Fuel (HWDF); the majority of roll-offs were addressed in this fashion. Due to the presence of various types of debris (wood chips, soil, and general trash such as plastic, lumber, etc.), the solids within some of the roll-off boxes could not be physically processed by the cement kilns. Solids in these roll-off boxes were addressed by Effective Environmental Inc. (Effective) in accordance with the requirements of USEPA-approved Addendum 5 to AOC Work Plan: Containerized Materials Field Screening and Removal Work Plan (Addendum 5)(included as Appendix B to this report) by solidification and off-site disposal. The removal of liquids and solids contained in a frac tank on the USOR Property and in a roll-off box and several dumpsters located on the MCC Property was also performed as part of this removal action. This report summarizes the processes used for removal of roll-off box and frac tank contents, the container cleaning methods, and the final disposition of removed materials. A photograph log of the removal project is provided in Appendix C. All work performed as part of this removal action was performed under the Site Health and Safety Plan (HASP) dated May 30, 2012 and more detailed individual safety plans prepared by each contractor. All site workers

received the appropriate level of training according to 29 CFR 1910.120 that prepared them for their job functions and responsibilities.

This report has been jointly prepared by Ramboll Environ US Corporation (ENVIRON - formerly ENVIRON International Corporation) and Golder Associates, Inc. (Golder). ENVIRON provided oversight of liquid and solid removal activities from project initiation through November 2013 and prepared the sections of this report pertaining to those activities. Golder provided oversight of liquid and solid removal activities related to the non-processible material that were performed thereafter. Golder has prepared the sections of this report pertaining to those activities.

## **2 ROLL-OFF BOX LIQUIDS REMOVAL**

### **2.1 2013 Liquids Removal**

Prior to removal of solids, Effective, under sub-contract to Sumter, removed free liquid contained in the roll-off boxes to reduce the potential for spills during transport of the containers to secondary containment for processing. Effective performed the liquid removal between August 5 and 15, 2013.

For roll-off boxes containing a relatively large amount of liquid, Effective used a vacuum truck to remove the liquid and transport the liquid off-site for disposal. Liquid from roll-off boxes containing a relatively small amount of liquid was consolidated into a single roll-off box using a 2-inch diaphragm pump. The consolidated liquid was removed from the roll-off box using a vacuum truck and transported off-site for disposal.

In 2013, Effective removed approximately 66,431 gallons from 72 roll-off boxes for disposal at the Intergulf Pasadena, Texas facility (Intergulf) (Table 1). Scanned copies of the Intergulf Shipping Manifests for liquids removed from the roll-off boxes are included as Appendix D.

### **2.2 2015 Liquids Removal**

Free liquid present in approximately 20 roll-off boxes containing non-processible sludge was transferred to a vacuum truck through a 2-inch suction hose. The liquid was off-loaded for temporary storage in Frac Tank A566 until laboratory analysis for waste profiling purposes was conducted. Based on analytical results (see discussion in Section 3.4.3.1), the liquid was determined to be non-hazardous and approximately 15,000 gallons was removed from the frac tank via vacuum tanker and transported to the Waste Management of Texas, Seabreeze Landfill (Seabreeze) for disposal in January 2015.

During this second liquid removal from roll-off boxes, it was observed that two roll-off boxes (RO058 and RO183) contained liquid that exhibited characteristics that appeared to be different from that contained in the other 18 roll-off boxes (i.e. odor, color). In accordance with Addendum 5, the liquid contained in these two roll-off boxes (RO058 and RO183) was transferred to an empty roll-off box (RO097) via vacuum truck where a sample was acquired and analyzed for waste profiling purposes (see discussion in Section 3.4.3.1). Based on analytical results, the liquid was determined to be non-hazardous. The liquid was then transferred to Frac Tank A566 for subsequent transportation by vacuum tanker to Seabreeze for disposal. A summary of

liquids removed in 2015 is included as Table 1 and scanned copies of the shipping manifests are presented in Appendix D.

After the transfer of liquid to RO097, a thin floating light non-aqueous phase liquid (LNAPL) layer was observed on the surface of the liquid. A grab sample of the LNAPL was collected for waste classification purposes using a dedicated sampling container on a pole (see discussion in Section 3.4.3.1). Laboratory analysis determined that the LNAPL was classified as hazardous. Effective used spill absorbent booms to channel LNAPL contained in RO097 to a corner of the box. Once accumulated in the roll-off box corner, the LNAPL was removed from the surface of the liquid using a discrete sampler attached to a pole. Absorbent pads were then used to “soak up” the residual LNAPL from the liquid surface and sides of the roll-off box. Approximately 3 gallons of LNAPL was removed and placed in a 5-gallon bucket and sealed. Absorbent pads and booms used to remove the waste from the roll-off box were placed in a 30-gallon polycarbonate steel drum and sealed. The bucket and drum were identified with hazardous waste labelling and placed inside the USOR warehouse for subsequent removal and disposal. On March 12, 2015, the drum and bucket of LNAPL waste were transported to Clean Harbors Incinerator in Deer Park, Texas for disposal. A scanned copy of the shipping manifest is included as Appendix D.

During liquid transfer and waste profile sampling activities in 2013 and 2015, Effective personnel donned Tyvek© protective clothing, monitored air in the breathing zone using an organic vapor meter, and wore Air Purifying Respirators (APRs) as necessary based on organic vapor meter readings and action levels stated in the Site Safety Plan.

### **3 ROLL-OFF BOX SOLIDS REMOVAL**

Sumter conducted the removal and disposal of solids from the majority of the roll-off boxes. Between July 9 and 11, 2013, Sumter performed field screening and collected solids samples from a representative subset of the roll-off boxes for blending studies and BTU content evaluations to determine if the roll-off box solids were suitable for disposal as HWDF at permitted cement kilns. Sumter collected one representative sample from 20 roll-off boxes (RO086, RO094-RO100, RO102-RO109, RO117, RO118, RO131 and RO132) using an auger sampling device. Sumter transported the samples to a laboratory located in Sumter, South Carolina for evaluation. The results of blending and BTU content evaluations conducted by Sumter confirmed that the solids could be disposed as HWDF.

Sumter mobilized personnel and equipment to the Site on August 12, 2013 for the removal and disposal of roll-off box solids as HWDF in accordance with Addendum 2. Sumter mobilization activities included installing temporary secondary containment structures in the northern portion of the Site parking lot for the solids mixing and loading process (Photo 1),<sup>1</sup> placing a frac tank in secondary containment to contain cutter stock, and connecting two solids/cutter mixing pumps and a power unit to drive mixing equipment (Photos 2 and 3). Sumter also mobilized a vacuum truck, a roll-off truck, Sumter Robroller tanker trucks, and two all-terrain forklifts. Cutter stock was delivered to the Site to facilitate mixing, to increase the BTU value of the solids, and create a pumpable slurry (Photo 4). Cutter stock was sourced from Bodin Oil Recovery, Inc. located at 18101 W LA Hwy 330 in Abbeville, Louisiana. The cutter stock MSDS and cutter stock shipping manifests are included as Appendix E.

In general, Sumter's roll-off box solid processing involved moving roll-off boxes containing solids from their location shown on Figure 3 using a roll-off truck into a temporary secondary containment structure located in the northern portion of the Site parking lot. Prior to and during lifting of each roll-off box onto the roll-off truck, Sumter visually observed the amount and consistency of the material inside the roll-off box to evaluate whether the material could potentially slide or move during transportation (Photo 5). If the material in the roll-off box moved during lifting, Sumter removed a sufficient amount of material from the container using a vacuum truck to prevent material from spilling out of the roll-off box during lifting and transportation (Photos 6 and 7).

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<sup>1</sup> All Photos referenced in this report are contained in Appendix C.



After each roll-off box was placed into secondary containment (Photos 8 and 9), Sumter pumped cutter stock into the roll-off box and mixed the solids and cutter to create a pumpable slurry. Once Sumter determined that the solids and cutter were appropriately mixed, the slurry was transferred to Sumter Robroller agitator trailers and transported off-site to EPA-approved cement kilns.

Sumter used two mixing methods to process solids depending on the consistency of the solids contained in each roll-off box. Relatively wet solids (Photo 10) were processed using a Twin Spin agitator attached to a fork lift and relatively dry solids (Photo 11) were processed using a mixing box with an internal auger. Each process is described below.

### **3.1 Twin-Spin Agitator Processing**

Sumter began processing roll-off box solids on August 26, 2013, using the Twin Spin agitator (Photos 12 through 14). After relocating roll-off boxes into secondary containment, the Twin Spin agitator was lowered into the solids for mixing. Sumter covered the roll-off box with a plastic tarp and/or plywood sheets while the Twin Spin was operating to prevent material from splashing out of the roll-off box (Photos 13 and 14). After Sumter determined that the solids/cutter slurry was adequately mixed for pumping, Sumter lowered a transfer pump into the roll-off box and transferred the solids/cutter slurry into a Sumter Robroller agitated tanker truck for off-site transportation (Photos 15 and 16). The tanker truck remained in a temporary secondary containment structure during loading operations as a precautionary measure.

After processing the roll-off boxes containing wet solids that could be mixed with the Twin Spin agitator, Sumter decontaminated and demobilized the Twin Spin agitator and associated equipment from the Site on September 20, 2013. Twin Spin agitator decontamination is further discussed in Section 3.6.

### **3.2 Blending Box Mixing**

During solids removal operations, Sumter determined that some of the roll-off boxes at the Site contained solids which were unable to be mixed with the Twin Spin agitator (Photo 17). Sumter mobilized additional equipment to the Site on September 20 and 22, 2013, including a track-mounted excavator and 40-yard Blending Box equipped with internal agitators for mixing (Photos 18 and 19).

Sumter processed roll-off box solids using the Blending Box beginning on September 22, 2013. Sumter transferred solids from the roll-off boxes into the Blending Box using the track-mounted excavator, both located in secondary containment (Photos 20 through 22). Sumter pumped cutter stock into the Blending Box and mixed the cutter with the roll-off box solids using the internal agitators. After Sumter determined that the slurry was adequately mixed, Sumter pumped the cutter/solids slurry mixture into a Sumter Robroller agitated tanker truck at the Site, as described above.

The roll-off boxes emptied by the processes described in Sections 3.1 and 3.2 were then cleaned and decontaminated as described in Section 3.6.

### **3.3 HWDF Solids Management**

Sumter completed the removal of processible solids from roll-off boxes in November 2013, with the final load transported off-site on November 12, 2013. A total of 86 truckloads containing approximately 1,673 tons of slurried solids (including approximately 303,808 gallons of roll-off box solids and 97,900 gallons of cutter stock) were transported off-site for disposal (Table 2). The roll-off solids were disposed as HWDF at three USEPA-approved cement kilns: Ash Grove Cement Company in Foreman, Arkansas; Lone Star Industries in Cape Girardeau, Missouri; and Geocycle LLC in Holly Hill, South Carolina. Scanned copies of the shipping manifests for roll-off box solids shipped off-site for disposal are included as Appendix F.

Some partial slurried solids/cutter mixture loads were returned to the Site from the disposal facility due to malfunctioning discharge valves on Sumter agitated tanker trucks and thick consistency of solids preventing material from being completely removed from the tanker trucks. All returned loads were incorporated with additional roll-off box solids and/or cutter stock and shipped to the approved disposal facilities. Table 3 summarizes the solids loads and partial loads which were returned to the Site from disposal facilities. Scanned copies of the shipping manifest for loads returned to the Site from disposal facilities are included as Appendix G.

### **3.4 Segregation/Solidification Processing**

As noted previously, solids within some of the roll-off boxes could not physically be processed by the cement kilns due to the presence of various types of debris (wood chips, soil, and general trash, such as plastic, lumber, etc.). Solids in these roll-off boxes were addressed in accordance with the requirements of Addendum 5.

To address these roll-offs, Golder inspected each roll-off box containing non-processible waste at both the USOR facility and MCC facility in February 2014. The inspection revealed that a total of 32 roll-off boxes were located at the USOR site and one roll-off box and two dumpsters at the MCC site that contained non-processible waste. The total number of containers at the USOR site included 19 roll-off boxes containing sludge and minor solid debris, 10 roll-off boxes containing solid waste (general trash, such as plastic, lumber, etc.), and 3 roll-off boxes containing soil. The three containers located at the MCC facility contained solid waste.

The following sections provide a discussion of activities completed to segregate, consolidate, characterize, and dispose of the waste, and to decontaminate the containers after waste removal and disposal.

### **3.4.1 Waste Segregation/Consolidation**

Upon completion of liquid removal activities described in Section 2.2, residual solid waste within the roll-off boxes were consolidated into a reduced number of solid waste containing roll-off boxes (Photos 23 and 24). Soils were likewise consolidated into a reduced number of soil-containing roll-off boxes. Sludge waste was not consolidated due to the potential for spills to occur during transfer (Photos 25 and 26).

To prevent damage to the roll-off boxes and minimize the potential for waste to be released during box movement, roll-off boxes containing waste were only moved as necessary for consolidation equipment access and to allow placement of other roll-off boxes used for consolidation. Consolidation of waste between roll-off boxes was performed within the Site concrete parking lot area. Plastic sheeting with bermed edges was placed on the sides of the roll-off boxes and on the parking lot surface adjacent to the boxes to contain any potential spills during material transfer (Photos 27, 28, and 29).

The three roll-off/dumpsters located on the MCC site were transported to the USOR site using a roll-off transport truck (bobtail) and staged in the concrete parking lot area. Waste present in these containers was segregated with like waste for consolidation using the techniques previously described.

Effective completed consolidation of waste streams using a track hoe with a thumb unit. When not in use, the bucket was placed on plastic sheeting to reduce the possibility of waste material on the bucket to contact the parking lot area. During the consolidation process, Effective

personnel donned Tyvek© protective clothing, monitored air in the breathing zone using an organic vapor meter, and wore APRs as necessary based on organic vapor meter readings and action levels set forth in the Site Safety Plan.

### **3.4.2 Sludge Solidification Process**

In October 2014, Effective began solidification of non-processible sludge contained in roll-off boxes. After removal of liquids (described in Section 2.2), the remaining wet sludge/soil-like material was solidified in each original box by adding a pozzolanic material (bed ash) to the roll-off box. A track hoe was used to mechanically mix the bed ash with the sludge (Photo 30). Solidification in the roll-off boxes was performed within the parking lot area. Plastic sheeting was placed on the sides of the roll-off boxes. Additional plastic sheeting with bermed edges was placed on the ground to prevent material contained in the roll-off boxes from contacting the ground surface during the solidification activities.

During solidification activities, Effective personnel donned Tyvek© protective clothing, monitored air in the breathing zone using an organic vapor meter, and wore APRs as necessary based on organic vapor meter readings and action levels stated in the Site Safety Plan. Photos 31, 32, and 33 show the sludge after solidification.

### **3.4.3 Waste Characterization Sampling Process**

Once segregation and consolidation of waste was completed, representative samples of each identified waste stream were collected for chemical analysis. The waste streams identified include solidified sludge, soil-like material, solid waste, liquid contained in Frac Tank A566, liquid contained in RO097, and the small quantity of LNAPL (approximately 3 gallons) floating on the surface of RO097.

#### **3.4.3.1 Liquid and LNAPL**

One representative grab liquid sample each was obtained from Frac Tank A566, roll-off box (RO097) and from the LNAPL within roll-off box RO097. All but the LNAPL sample was acquired using a dedicated sampler (Sludge Judge®). The LNAPL sample was collected last using a clean laboratory supplied glass jar attached to a pole.

All samples with the exception of the sample from Frac Tank A566 were acquired throughout the entire liquid column. The frac tank sample was acquired using a Sludge Judge Sampler® throughout as much of the liquid column as practical given the length of the sampler (approximately eight feet). The sample was acquired after a vacuum truck had thoroughly mixed the contents as part of the frac tank filling and emptying cycles.

Individual liquid samples were placed in glassware supplied by the laboratory and subsequently into a cooler with ice and transported under chain of custody to ALS Environmental Laboratory (ALS) located in Houston, Texas.

Sampling for waste characterization purposes was conducted in accordance with the USEPA-approved Quality Assurance Project Plan – Site Monitoring and Stabilization, Former U. S. Oil Recovery/MCC Recycling Site (QAPP) dated May 30, 2012. Liquid and LNAPL samples were analyzed for the following constituents:

- Total Petroleum Hydrocarbons (TPH)
- Volatile Organic Compounds (VOCs)
- Semi Volatile Organic Compounds (SVOCs)
- Total Resource Conservation and Recovery Act (RCRA) Metals, and
- Reactivity/Corrosivity/Ignitability (RCI).

A non-processible roll-off box analytical summary is presented as Table 4. Laboratory reports are presented in Appendix H.

#### **3.4.3.2 Solid Waste, Soil, and Solidified Sludge**

In accordance with the Addendum 5, samples were acquired from four locations throughout the entire depth of waste from the center of each roll-off box using a hand auger. The hand auger was not able to be used because of the presence of trash and debris in roll-off boxes containing solid waste and because of caving soils in soil-containing roll-off boxes. For those roll-off boxes, a track hoe bucket was used to scoop out the entire depth of waste in each location. The bucket was placed over plastic sheeting and representative portions of the entire depth of each of four scoops (sample locations) were combined in a clean bucket to comprise a roll-off box composite. When obtaining samples from the track hoe bucket, care was taken to obtain samples that did not come in contact with the interior walls of the bucket.

Per Addendum 5, representative portions of roll-off composite samples from up to five roll-off boxes were combined to obtain one sample. The final composite samples were submitted to ALS in a cooler with ice and accompanied with chain of custody documentation for analysis of the constituents listed below as outlined in the QAPP:

- General Solid Waste - TPH, VOCs, SVOCs, Total RCRA Metals, and RCI
- Solidified Wet Sludge and Soil-Like Material - TPH, VOCs, SVOCs, Total RCRA Metals, RCI, Paint Filter Liquids Test, and pH.

#### **3.4.4 Laboratory Analysis**

Waste characterization samples were analyzed for the constituents listed above. In instances where concentrations of individual metals analysis were reported at concentrations greater than 20 times its applicable Toxicity Standard as set forth in RCRA (40 CFR Part 261), a Toxicity Characteristic Leaching Procedure (TCLP) analysis was performed. These instances included: (1) a solidified sludge composite sample from Roll-Off Boxes RO204, RO166, RO191, and RO169 where the total mercury concentrations in the sludge exceeded 20 times the toxicity standard, and (2) a solid waste composite sample from Roll-Off Boxes RO155, RO101, RO171, and RO131 where the total chromium and mercury concentrations in the solid waste exceeded 20 times their respective toxicity standards. TCLP concentrations in both samples were reported below the hazardous waste criteria for mercury and chromium respectively (Table 4). Based on this analysis, all waste was characterized as non-hazardous. Table 4 presents a summary of the characterization sample analytical results. Appendix H presents laboratory reports and data validation reports of waste characterization samples.

### **3.5 Non-hazardous Solids Management**

From February 18, 2015 to February 24, 2015 Effective began transferring solid waste, solidified sludge, and soil-like material from roll-off boxes to end-dump trailer trucks for transportation to Seabreeze.

All waste transfer activities occurred within the concrete parking lot area of the Site. Prior to transfer of waste into the trailers, plastic sheeting with bermed edges was placed on the ground surface to prevent material contained in the roll-off boxes from contacting the ground surface during waste transfer. Plastic sheeting was also placed on the ground surface over the area

where the haul trucks were staged for the same purpose. Transport trailers backed onto the plastic sheeting adjacent to the roll-off box to be unloaded and a track hoe was used to transfer the waste from the roll-off boxes to the waste trailers. After completion of the transfer of waste from a roll-off box to the transport trailer, the minimal amount of waste contained on the plastic sheeting was directed by shovel to the center of the plastic sheeting and manually placed back in the roll-off box with the material that the track hoe was not able to remove (heel).

Each nearly empty roll-off box was processed through a two-step cleaning process. Accessible waste was manually removed in the first step and the roll-off box was decontaminated during the second step.

For the first step of the cleaning process each roll-off was staged within a secondary containment structure (Photos 34 and 35) located adjacent to Truck Bay 48 (TB 48). The containment included 60 mil plastic sheeting that was placed over 6 mil plastic sheeting. The 6 mil underlying plastic extended a minimum of 6 feet beyond the perimeter of the 60 mil secondary containment. The door of the roll-off box was opened and the heel was removed by shovel and transferred into the back hoe bucket and placed into an adjacent roll-off box. The empty roll-off box was then staged for the second cleaning step (decontamination).

During waste transfer activities, Effective personnel donned Tyvek® protective clothing, monitored air in the breathing zone using an organic vapor meter, and wore APRs as necessary based on organic vapor meter readings and action levels stated in the Site Safety Plan.

Approximately 567 tons in 38 loads were transported to Seabreeze and disposed of as non-hazardous waste. Table 5 presents a summary of the transported loads. Included in the solids summary is the manifest number, date of shipment and weight of the load. Scanned copies of the shipping manifests for roll-off box non-processible solids shipped to Seabreeze for disposal are included as Appendix I.

### **3.6 Roll-off Box Washing and Wash Water Disposal**

Following the removal of processible solids in 2013, empty roll-off boxes were removed from secondary containment to TB 48 for washing using a roll-off truck (Photo 36). Sumter personnel donned a full-face APR and Tyvek® and pressure washed emptied roll-off boxes in TB 48 (Photo 37). The wash water and minor amounts of residual solids were removed from the roll-off boxes using a vacuum truck and were transferred to an on-site frac tank (Tidal Tank

#F04066) for storage and subsequent off-site disposal as discussed below. After washing was completed, each washed roll-off box was tarped and staged on-site south of the parking lot pending final disposition. Sumter also decontaminated the Twin Spin agitator and associated equipment by pressure washing the equipment in TB 48. The wash water and minor amounts of residual solids were transferred to frac tank F04066 along with roll-off box wash water.

Roll-off boxes that were emptied during removal of non-processible waste in 2015 (Photo 38) were taken to TB 48 via roll-off truck where they were cleaned by Effective using a pressure washer. Cleaning of the container was deemed complete when no loose solids were present in the container, on the walls of the container, or on top of the container side walls, and staining had been removed to the extent practicable (Photo 39). Water generated from cleaning activities was allowed to accumulate in TB 48. Once all the roll-off boxes were cleaned and stored, liquid from TB 48 was removed and placed in Frac Tank F04066. Solids contained in TB 48 were placed in the last roll-off box containing solidified sludge, bed ash was then added to solidify the solids (see Section 3.4.2), and the box contents were transferred to an end-dump trailer for transport to Seabreeze. The last roll-off box was then pressure washed in TB 48 as the rinse water was transferred to Frac Tank F04066.

Approximately 39,595 gallons of the roll-off box wash water (8 loads) were transported off-site for disposal at the Intergulf facility between October 17, 2013 and January 2, 2014. Approximately 10,000 gallons of wash water (2 loads) were transported off-site for disposal at Seabreeze in April 2015. Table 6 provides a summary of the roll-off box wash water removed from the Site. Scanned copies of the Intergulf and Seabreeze shipping manifests for roll-off box wash water are included in Appendix J.



## **4 FRAC TANK LIQUIDS AND SOLIDS REMOVAL**

In conjunction with the roll-off box content removal and cleaning activities, Effective also removed the contents of a frac tank (A1475B) that had remained at the Site from prior USOR operations.

### **4.1 2014 Liquids Removal**

In June 2014, waste removal and frac tank cleaning activities associated with Frac Tank A1475B were completed by Effective with oversight by Golder. Approximately 650 gallons of liquid (rinse water) were generated during the course of waste removal and cleaning activities (Table 7). The rinse water was generated after the waste was removed from the frac tank and the interior cleaned using a pressure washer. The rinse water was placed in a poly tank for temporary storage before being transferred to a vacuum tanker via 2-inch vacuum hose. On June 3, 2014, after laboratory analysis was conducted to confirm waste classification of wash water as non-hazardous, the liquid was transported to Seabreeze for disposal. After transferring the contents of the poly tank to the tanker, the interior of the poly tank was cleaned using a 3,000 psi pressure washer. The resulting wash water was then transferred to the tanker containing frac tank rinse water. Table 7 presents disposal details of the load of wash water transported off-site. A scanned copy of the shipping manifest for liquids removed from the frac tank (wash water) is included in Appendix K. The laboratory report is presented in Appendix L.

During transfer activities, Effective personnel donned Tyvek® protective clothing, monitored air in the breathing zone using an organic vapor meter, and wore APRs as necessary based on organic vapor meter readings and action levels set forth in the Site Safety Plan.

### **4.2 2014 Solids Removal**

Laboratory analysis conducted on waste samples collected from Frac Tank A1475B resulted in a hazardous classification (Appendix L). From April 12, 2014 through May 7, 2014, solids were removed from the frac tank and transferred to a vacuum box using a 3,700 scfm capacity air moving machine, a 3,000 psi pressure washer, and hand shovels.

Initially, the hatches on the frac tank were opened and air readings inside and outside the tank were recorded. Photo-ionization detector (PID) readings obtained approximately one to two feet inside the access hatch indicated VOC concentrations ranging from 28 to 36 ppm. No VOC detections were recorded within five feet outside of the access hatch. The pressure washer was

used to break up the solid waste material inside the frac tank. The air mover was positioned adjacent to the frac tank and the suction hose attached to the vacuum box (Photo 40). A second suction hose was connected to the inlet of the vacuum box and the terminal end was used to vacuum waste from the tank into the vacuum box when the air mover applied suction. All hose connections were checked for tightness and duct taped to prevent the possibility of the connection failing.

Waste in the frac tank was transferred into the vacuum boxes by Effective using the suction hose through the top hatch in the tank. When the waste level in the tank was below that of the side hatches, those hatches were opened and waste was removed from those openings. After removing as much waste as practical using manual direction of the suction hose from outside the frac tank, Effective donned level C PPE and entered the tank (Photos 41 and 42) . Prior to entry into the frac tank, a confined space entry plan/permit was completed that addressed procedures to be followed, hazards of the activities to be performed, and emergency procedures. All personnel involved in the confined space entry were fully trained, competent and each understood their job function as it pertained to the tank entry. Shovels and squeegees were used to direct the waste to a corner of the tank where it was removed by suction. Finally, the pressure washer was used to wash the interior of the frac tank to remove visible solids.

Air monitoring (VOCs H<sub>2</sub>S, LEL, CO and O<sub>2</sub>) was conducted continuously in the breathing zone of each worker conducting waste removal inside the tank and the outside working area.

A total of approximately 95 tons of hazardous solid waste contained in seven vacuum boxes was transported to the Systech cement kiln facility in Fredonia, Kansas as hazardous waste to be blended into HWDF (Appendix K). Table 8 presents a summary of the waste loads. The Analytical Laboratory Report for waste profiling purposes is presented in Appendix L.

## **5 CONCLUSIONS**

The purpose of the roll-off box content removal and decontamination activities was to remove liquids and solids contained in roll-off boxes and one frac tank (A1475B), manage those materials off-site at USEPA-approved facilities, and decontaminate the containers. These objectives have been met through the removal action activities described in this report. As these removal objectives have been met, no further removal or decontamination activities related to this removal action are necessary at this time. Roll-off box content removal activities were performed in accordance with the required elements of Addendum 2 and Addendum 5.

## TABLES

Table 1: Roll-off Box Liquid Removal Summary

Date	Shipped Manifest Volume (gallons) <sup>1</sup>	Shipping Manifest Number	Corrected Volume at Facility (gallons) <sup>2</sup>
8/5/2013	5,460	73399	5,460
8/6/2013	5,400	73398	5,400
8/7/2013	5,400	73396	5,400
8/7/2013	5,400	73397	5,400
8/8/2013	5,400	73394	5,400
8/8/2013	5,460	77206	4,436
8/8/2013	5,460	77207	4,838
8/9/2013	5,400	73393	5,400
8/9/2013	5,000	77319	5,000
8/9/2013	1,000	77323	227
8/14/2013	5,460	77234	5,460
8/14/2013	3,000 <sup>3</sup>	77379 <sup>3</sup>	3,000 <sup>3</sup>
8/14/2013	5,550	77378	5,550
8/15/2013	5,460	73391	5,460
1/19/2015	5,000	002668220	5,000
1/19/2015	5,000	002668221	5,000
1/20/2015	5,000	002668230	5,000
3/12/15	35 <sup>4</sup>	002720256GBF <sup>4</sup>	35 <sup>4</sup>
			<b>Total 81,466</b>

## Notes:

<sup>1</sup> Shipment volume indicated on transportation manifest signed at time of off-site shipment

<sup>2</sup> Volume on final manifest reflecting adjustment by Intergulf tanker driver to indicate a corrected volume of liquid disposed at Intergulf facility. Initial volume was based on a loading measurement (liquid height in the tanker). When unloading tanker at disposal facility, the tanker driver again gauged the tanker and revised the initial volume that he had noted based on a corrected measurement.

<sup>3</sup> Manifest 77379 contained liquid from roll-off boxes and the Bioreactor. Approximately 3,000 gallons of the total volume of liquid from Manifest 77379 was from roll-off boxes.

<sup>4</sup> Includes 5 gallon bucket containing NAPL and a 30 gallon drum of absorbents.

Table 2: Roll-off Box Solids Loads Managed as Hazardous Waste Derived Fuel		
Date	Shipping Manifest Number	Manifest Volume (gallons)
8/27/2013	006581943FLE	5,287
8/29/2013	006581945FLE	4,976
8/30/2013	006581946FLE	5,067
9/3/2013	006581966FLE	4,983
9/3/2013	006581967FLE	5,220
9/4/2013	006581968FLE	5,167
9/5/2013	006581969FLE	5,400
9/8/2013	006581868FLE	5,167
9/9/2013	006581869FLE	5,495
9/9/2013	006581870FLE	4,983
9/10/2013	006581871FLE	5,004
9/10/2013	006581872FLE	5,118
9/11/2013	006581873FLE	4,821
9/11/2013	006581874FLE	4,802
9/12/2013	006581875FLE	5,220
9/13/2013	006581876FLE	4,876
9/15/2013	006581878FLE	5,035
9/16/2013	006581879FLE	5,138
9/17/2013	006581880FLE	5,406
9/17/2013	006581881FLE	4,425
9/18/2013	006581970FLE	5,188
9/19/2013	006581971FLE	4,720
9/22/2013	006581972FLE	4,948
9/23/2013	006581882FLE	5,035
9/23/2013	006581883FLE	4,856
9/24/2013	006581973FLE	4,983
9/25/2013	006581974FLE	5,188
9/25/2013	006581975FLE	5,113
9/26/2013	006581976FLE	4,770
9/27/2013	006581977FLE	4,983
9/29/2013	006581978FLE	4,835
9/29/2013	006581979FLE	4,711
9/30/2013	006581981FLE	5,073
9/30/2013	006581982FLE	4,856
10/1/2013	006581983FLE	4,645
10/1/2013	006581984FLE	4,930
10/2/2013	006582013FLE	4,892

Table 2: Roll-off Box Solids Loads Managed as Hazardous Waste Derived Fuel		
Date	Shipping Manifest Number	Manifest Volume (gallons)
10/2/2013	006582014FLE	4,655
10/2/2013	006582015FLE	4,575
10/3/2013	006581985FLE	4,802
10/3/2013	006581986FLE	4,906
10/3/2013	006581987FLE	4,350
10/4/2013	006581988FLE	4,712
10/4/2013	006581989FLE	4,962
10/6/2013	006581990FLE	4,835
10/6/2013	006581991FLE	4,792
10/7/2013	006581992FLE	4,856
10/7/2013	006581993FLE	4,200
10/7/2013	006581884FLE	4,770
10/8/2013	006581994FLE	4,876
10/8/2013	006581885FLE	4,712
10/9/2013	006581886FLE	4,892
10/9/2013	006581887FLE	4,635
10/9/2013	006581888FLE	4,849
10/10/2013	006581889FLE	4,600
10/10/2013	006581890FLE	4,600
10/10/2013	006581891FLE	4,876
10/11/2013	006581892FLE	4,712
10/11/2013	006581893FLE	4,892
10/11/2013	006581894FLE	4,676
10/13/2013	006581895FLE	4,712
10/13/2013	006581896FLE	4,876*
10/14/2013	006581897FLE	4,600
10/14/2013	006581898FLE	4,526
10/15/2013	006581899FLE	4,712
10/16/2013	006581900FLE	4,600
10/16/2013	006581901FLE	4,526
10/16/2013	006581903FLE	4,676
10/17/2013	006581904FLE	4,712*
10/17/2013	006581905FLE	4,892
10/18/2013	006581906FLE	4,600
10/18/2013	006581907FLE	3,651
10/20/2013	006581908FLE	4,846
10/21/2013	006581909FLE	4,856

Table 2: Roll-off Box Solids Loads Managed as Hazardous Waste Derived Fuel		
Date	Shipping Manifest Number	Manifest Volume (gallons)
10/22/2013	006581911FLE	4,302*
10/23/2013	006581912FLE	4,856
10/24/2013	006581913FLE	4,306
10/25/2013	006581914FLE	4,747
10/27/2013	006581915FLE	4,712*
10/29/2013	006581916FLE	4,374*
11/5/2013	006581996FLE	4,898
11/6/2013	006581918FLE	4,404
11/8/2013	006581919FLE	4,892
11/10/2013	006581921FLE	4,849*
11/12/2013	006581998FLE	1,013
<b>Total</b>		<b>400,902</b>
*Partial load returned (see Table 3 for details).		



Table 3: Roll-off Box Hazardous Waste Derived Fuel Loads Returned to Site

Original Manifest Date	Original Manifest Number	Disposal Facility	Date Material Returned to Site	Returned Manifest Number	Returned Manifest Quantity	Units
10/13/2013	006581896FLE	Ash Grove Cement Company (Foreman, AR)	10/15/2013	005770562FLE	2262	gallons
10/15/2013	006581902FLE	Ash Grove Cement Company (Foreman, AR)	10/16/2013	N/A*	N/A*	N/A*
10/17/2013	006581904FLE	Ash Grove Cement Company (Foreman, AR)	10/20/2013	005770569FLE	1180	pounds
10/22/2013	006581911FLE	Ash Grove Cement Company (Foreman, AR)	10/24/2013	005770585FLE	7240	pounds
10/27/2013	006581915FLE	Ash Grove Cement Company (Foreman, AR)	10/29/2013	005770596FLE	5120	pounds
10/29/2013	006581916FLE	Ash Grove Cement Company (Foreman, AR)	10/31/2013	005770601FLE	10620	pounds
11/10/2013	006581921FLE	Ash Grove Cement Company (Foreman, AR)	11/11/2013	005770609FLE	5560	pounds

Note: \*Whole load from original manifest 006581902FLE was rejected at disposal facility due to malfunctioning valve on Sumter tanker truck. Entire load was returned to site on original manifest.

Table 4  
Non-Processible Roll-off Box Solids Analytical Summary

Sample Name	USOR-SS- R0180, 135, 185, 150	USOR-SS- R0204, 166, 191, 169	USOR-SW- R0155, 101, 171,131, ROMCC	USOR - Adler A566 Frac Water	USOR - ROO97 Water	USOR - ROO97 NAPL	USOR - Soil- R0193,170,07 3	USOR-SS- R0158,183,18 4,188,192	USOR-SS- R0130, 160, 161, 162, 163	USOR-SS- RO058, 078, 165, 173, 178	Roll-off Box Wash Water (frac tank)	TCLP Haz. Waste Criteria	20x TCLP Haz. Waste Criteria
Units (unless indicated otherwise)	mg/kg	mg/kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg
Sample Date	10/24/2014	10/24/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	12/16/2014	1/27/2015	1/27/2015	1/27/2015	3/3/2015		
Sample Description	Solidified Sludge	Solidified Sludge	General Plant Trash, Plastic, Wood	Water	Water	NAPL	Soil	Solidified Sludge	Solidified Sludge	Solidified Sludge	Water	N/A	N/A
Total Metals by EPA Method SW6020A and SW7471B													
Arsenic	6.01	5.82	12.4	0.0287	0.0246	0.477	24	3.58	2.59	3.78	0.0245	5	100
Barium	218	232	97.2	0.0475	0.0229	28.4	443	233	306	252	0.189	100	2000
Cadmium	<0.521 <sup>1</sup>	<4.95	0.669	<.0100	<.010	0.107	0.559	0.357	0.379	0.482	<0.002	1	20
Chromium	26.4	32.6	570	0.0214	0.06	11.5	71.7	30.9	23.3	29.3	0.0524	5	100
Lead	24	26.4	40.4	<.0250	0.00401	3.29	33.7	36.6	23.7	25.7	0.0213	5	100
Selenium	4.32	6.04	2.22	<.0250	<.0250	<0.50	0.875	0.994	0.784	1.23	<0.005	1	20
Silver	<0.521	<0.495	0.595	<.0250	<.0250	0.181	0.281	0.276	0.292	0.341	<0.005	5	100
Mercury	3.31	5.58	6.99	0.00004	0.000109	0.374	1.4	1.69	2.78	3.14	0.00128	0.2	4
TCLP Metals by EPA Method SW6020A (reported in mg/L)													
Arsenic	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5	100
Barium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100	2000
Cadmium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	20
Chromium	N/A	N/A	<0.050	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5	100
Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5	100
Selenium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	20
Silver	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5	100
Mercury (Method SW7470A)	N/A	0.00159	0.000321	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.2	4
Total VOCs by EPA Method SW8260C													
1,1,1-Trichloroethane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	< 0.050	< 0.050	< 0.050	<0.025	--	--
1,1,2,2-Tetrachloroethane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
1,1,2-Trichlor-1,2,2-trifluoroethane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
1,1,2-Trichloroethane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
1,1-Dichloroethane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
1,1-Dichloroethene	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	0.7	14
1,2,4-Trichlorobenzene	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
1,2-Dibromo-3-chloropropane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
1,2-Dibromothane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
1,2-Dichlorobenzene	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
1,2-Dichloroethane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	0.5	10
1,2-Dichloropropane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
1,3-Dichlorobenzene	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
1,4-Dichlorobenzene	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	7.5	150
2-Butanone	0.54	0.33	<0.80	0.20	<.001	<.50	< 0.014	17	1.0	0.9	0.083	200	4000
2-Hexanone	<0.10	<0.10	<0.80	<0.10	<.001	<.50	< 0.014	<0.10	<0.10	<0.10	<0.050	--	--
4-Methyl-2-pentanone	<0.10	<0.10	<0.80	0.085	0.026	<.50	< 0.014	7.3	<.10	3.2	<0.050	--	--
Acetone	1.8	0.66	<1.6	0.69	0.095	<1.0	< 0.028	7.5	6.3	1.7	0.11	--	--
Benzene	7.4	2.5	<0.40	0.018	0.0039	<.025	< 0.0070	6.8	12	9.7	0.048	0.5	10
Bromodichloromethane	<0.050	<0.050	<0.80	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
Bromoforn	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
Bromomethane	<0.10	<0.10	<0.80	<0.005	<0.005	<.50	< 0.014	<0.10	<0.10	<0.10	<0.025	--	--
Carbon disulfide	<0.10	<0.10	<0.80	0.0035	0.011	<.50	< 0.014	<0.10	<0.10	<0.10	<0.025	--	--
Carbon tetrachloride	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	0.5	10
Chlorobenzene	<0.050	0.10	<0.40	<0.005	<0.005	<.025	< 0.0070	0.047	<0.050	0.068	<0.025	100	2000
Chloroethane	<0.10	<0.10	<0.80	<0.005	<0.005	<.50	< 0.014	<0.10	<0.10	<0.10	<0.025	--	--
Chloroform	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	6.0	120
Chloromethane	<0.10	<0.10	<0.80	<0.005	<0.005	<.50	< 0.014	<0.10	<0.10	<0.10	<0.025	--	--
cis-1,2-Dichloroethene	<0.050	<0.050	<0.40	0.014	<.005	<.025	< 0.0070	<0.050	0.24	0.054	<0.025	--	--
cis-1,3-Dichloropropene	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
Cyclohexane	0.6	0.41	1.4	<0.005	<0.005	2.2	< 0.0070	1.8	7.3	9.7	<0.025	--	--
Dibromochloromethane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
Dichlorodifluoromethane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
Dichloromethane	<0.10	<0.10	<0.80	<0.005	<.0010	<.50	< 0.014	<0.10	<0.10	<0.10	<0.050	--	--
Ethylbenzene	96	65	<0.40	0.031	0.02	0.84	< 0.0070	110	250	120	0.063	--	--
Isopropylbenzene	13	14	<0.40	0.0019	0.002	0.22	< 0.0070	16	12	29	<0.025	--	--
m,p-Xylene	380	260	<0.80	0.11	0.075	3.2	< 0.014	510	690	320	0.24	--	--
Methyl acetate	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
Methyl tert-butyl ether	0.067	<0.050	<0.40	0.004	<0.005	<.025	< 0.0070	<0.050	0.054	0.083	<0.025	--	--
Methylcyclohexane	0.93	0.67	0.28	<0.005	0.0016	0.17	< 0.0070	1.8	3.1	1.7	<0.025	--	--
o-Xylene	140	110	<0.40	0.053	0.037	1.6	< 0.0070	180	240	120	0.1	--	--
Styrene	32	41	<0.40	<0.005	0.0096	0.31	< 0.0070	20	17	27	<0.025	--	--
Tetrachloroethene	0.53	0.66	<0.40	<0.005	0.00081	<.025	0.0067	1.4	0.4	1.3	<0.025	0.7	14
Toluene	64	28	<0.40	0.031	0.0099	0.17	< 0.0070	310	120	53	0.15	--	--
trans-1,2-Dichloroethene	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
trans-1,3-Dichloropropene	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
Trichloroethene	1.5	1.4	<0.40	<0.005	0.0019	<.025	< 0.0070	1.9	0.57	9.4	<0.025	0.5	10
Trichlorofluoromethane	<0.050	<0.050	<0.40	<0.005	<0.005	<.025	< 0.0070	<0.050	<0.050	<0.050	<0.025	--	--
Vinyl chloride	<0.020	<0.020	<0.40	<0.002	<0.002	<.010	< 0.0028	<0.020	<0.020	<0.020	<0.010	0.2	4
Xylenes, Total	520	360	<0.40	0.16	0.11	4.6	< 0.021	710	960	440	0.34	--	--
TCLP VOCs by Method SW1311/8260B (reported in mg/L)													
1,1-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--
1,2-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--
1,4-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--
2-Butanone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.12	N/A	N/A	0.5	--
Carbon tetrachloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--
Chlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--
Chloroform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--
Tetrachloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--
Trichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--
Vinyl chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	--	--
Total Petroleum Hydrocarbons (TPH) by Method TX1005													
C6 to C12	15000	10000	<7800	<0.47	2.7	<9200	86	14000	20000	17000	N/A	--	--
>C12 to C28	44000	45000	46000	4.3	61	170000	1100	32000	35000	65000	N/A	--	--
>C28 to C35	8300	11000	16000	<0.47	7.2	50000	120	3300	2500	9100	N/A	--	--
C6 to C35	67300	66000	62000	4.3	70.9	220000	1310	49300	57500	91100	N/A	--	--

Table 4  
Non-Processible Roll-off Box Solids Analytical Summary

Sample Name	USOR-SS- R0180, 135, 185, 150	USOR-SS- R0204, 166, 191, 169	USOR-SW- R0155, 101, 171,131, ROMCC	USOR - Adler A566 Frac Water	USOR - ROO97 Water	USOR - ROO97 NAPL	USOR - Soil- R0193,170,07 3	USOR-SS- R0158,183,18 4,188,192	USOR-SS- R0130, 160, 161, 162, 163	USOR-SS- RO058, 078, 165, 173, 178	Roll-off Box Wash Water (frac tank)	TCLP Haz. Waste Criteria	20x TCLP Haz. Waste Criteria
Units (unless indicated otherwise)	mg/kg	mg/kg	mg/Kg	mg/L	mg/L	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg
Sample Date	10/24/2014	10/24/2014	11/12/2014	11/12/2014	11/12/2014	11/12/2014	12/16/2014	1/27/2015	1/27/2015	1/27/2015	3/3/2015		
Semivolatiles - SW8270D													
1,1-Biphenyl	3.2	<1.70	<41	<0.005	<0.005	<120	< 3.5	16	21	26	<0.075	--	--
2,4,5-Trichlorophenol	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	400	8000
2,4,6-Trichlorophenol	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	2	40
2,4-Dichlorophenol	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5		<23	<27	<0.075	--	--
2,4-Dimethylphenol	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	0.085	--	--
2,4-Dinitrophenol	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
2,4-Dinitrotoluene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
2,6-Dinitrotoluene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	0.13	2.6
2-Chloronaphthalene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
2-Chlorophenol	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
2-Methylnaphthalene	28	12	<41	<0.005	0.017	51	< 3.5	130	110	160	<0.075	--	--
2-Methylphenol	<1.70	<1.70	<41	0.011	<0.005	<120	< 3.5	4.8	7.1	5.4	0.15	200	4000
2-Nitroaniline	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
2-Nitrophenol	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
3&4 Methylphenol	<1.70	<1.70	<41	0.031	<0.005	<120	< 3.5	4.5	<23	<27	0.28	200	4000
3,3- Dichlorobenzidine	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
3-Nitroaniline	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
4,6-Dinitro-2-methylphenol	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
4-Bromophenyl phenyl ether	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
4-Chloro-3-methylphenol	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
4-Chloroaniline	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
4-Chlorophenyl phenyl ether	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
4-Nitroaniline	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
4-Nitrophenol	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Acenaphthene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	8.7	14	<0.075	--	--
Acenaphthylene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Acetophenone	<1.70	<1.70	<41	0.042	0.039	<120	< 3.5	<20	<23	<27	0.1	--	--
Anthracene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	5.5	<23	6.9	<0.075	--	--
Atrazine	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Benz(a)anthracene	<1.70	<1.70	<41	<0.005	0.0034	<120	< 3.5	6.3	<23	6.1	<0.075	--	--
Benzaldehyde	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Benzo(a)pyrene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Benzo(b)fluoranthene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Benzo(g,h,i)perylene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Benzo(k)fluoranthene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Bis(2-chloroethoxy)methane	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Bis(2-chloroethyl)ether	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Bis(2-chloroisopropyl)ether	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Bis(2-ethylhexyl)phthalate	13	3	1,200	0.017	0.047	130	6.1	28.0	18.0	22.0	0.21	--	--
Butyl benzyl phthalate	<1.70	<1.70	<41	<0.005	<0.005	<120	1.2	<20	<23	<27	<0.075	--	--
Caprolactum	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Carbozole	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Chrysene	<1.70	<1.70	<41	<0.005	0.010	32	< 3.5	12	7.1	11	<0.075	--	--
Cresols, Total	NA	NA	NA	NA	NA	NA	N/A	<20	<23	<27	<0.075	--	--
Dibenz(a,h)anthracene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Dibenzofuran	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Diethyl phthalate	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Dimethyl phthalate	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Di-n-butyl phthalate	<1.70	<1.70	<41	<0.005	0.011	38	1.3	6.8	6.5	<27	<0.075	--	--
Di-n-octyl phthalate	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Fluoranthene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	5.6	<23	6.6	<0.075	--	--
Fluorene	2.9	<1.70	<41	<0.005	<0.005	<120	< 3.5	12	8.3	14	<0.075	--	--
Hexachlorobenzene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	0.13	2.6
Hexachlorobutadiene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	0.5	10
Hexachlorocyclopentadiene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Hexachloroethane	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	3	60
Ideno(1,2,3-cd)pyrene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Isophorone	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Naphthalene	67	20	<41	0.049	0.036	81	< 3.5	370	460	370	0.24	--	--
Nitrobenzene	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	2	40
N-nitrosodi-n-propylamine	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
N-nitrosodiphenylamine	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	--	--
Pentachlorophenol	<1.70	<1.70	<41	<0.005	<0.005	<120	< 3.5	<20	<23	<27	<0.075	100	2000
Phenanthrene	6.6	2.8	<41	<0.005	0.0094	<120	< 3.5	37	23	39	<0.075	--	--
Phenol	<1.70	<1.70	<41	0.056	0.0072	<120	< 3.5	8.4	<23	<27	0.67	--	--
Pyrene	2.6	<1.70	<41	<0.005	0.017	61							

Table 5: Roll-off Box Solids Non-Hazardous Loads			
Date	Weight (tons)	Shipping Manifest Number	Waste Stream
2/18/2015	17.25	002720067 GBF	Solidified Sludge
2/18/2015	15.16	002720068 GBF	Solidified Sludge
2/18/2015	15.49	002720069 GBF	Solidified Sludge
2/19/2015	14.71	002720096 GBF	Solidified Sludge
2/19/2015	15.56	002720099 GBF	Solidified Sludge
2/19/2015	14.65	002720097 GBF	Solidified Sludge
2/19/2015	17.61	002720098 GBF	Solidified Sludge
2/19/2015	19.42	002720061 GBF	Solidified Sludge
2/19/2015	18.24	002720060 GBF	Solidified Sludge
2/19/2015	14.58	002720062 GBF	Solidified Sludge
2/19/2015	14.57	002720063 GBF	Solidified Sludge
2/19/2015	14.35	002720064 GBF	Solidified Sludge
2/19/2015	15.65	002720066 GBF	Solidified Sludge
2/19/2015	17.70	002720065 GBF	Solidified Sludge
2/20/2015	19.35	002720095 GBF	Solidified Sludge
2/20/2015	16.32	002720094 GBF	Solidified Sludge
2/20/2015	15.5	002720093 GBF	Solidified Sludge
2/20/2015	15.17	002720092 GBF	Solidified Sludge
2/20/2015	17.60	002720091 GBF	Solidified Sludge
2/20/2015	16.34	002720090 GBF	Solidified Sludge
2/20/2015	20.95	002720122 GBF	Solidified Sludge
2/20/2015	15.58	002720113 GBF	Solidified Sludge
2/20/2015	17.32	002720116 GBF	Solidified Sludge
2/20/2015	17.26	002720117 GBF	Solidified Sludge
2/20/2015	12.51	002720118 GBF	Solidified Sludge
2/20/2015	21.47	002720119 GBF	Solidified Sludge
2/20/2015	17.16	002720114 GBF	Solidified Sludge
2/23/2015	5.0	002720152 GBF	Solid Waste
2/23/2015	5.27	002720151 GBF	Solid Waste
2/23/2015	5.84	002720056 GBF	Solid Waste
2/23/2015	8.89	002720058 GBF	Solid Waste
2/24/2015	3.96	002720057 GBF	Solid Waste
2/24/2015	19.71	002720153 GBF	Solid Waste
2/24/2015	15.41	NHM-120410-01	Soil Like Material
2/24/2015	16.45	NHM-120410-02	Soil Like Material
2/24/2015	9.37	NHM-120410-03	Soil Like Material
2/25/2015	17.27	002720115 GBF	Solidified Sludge
2/26/2015	12.48	002720120 GBF	Solidified Sludge
<b>Total</b>	<b>567.12</b>		

Table 6: Roll-off Box Wash Water Removal Summary

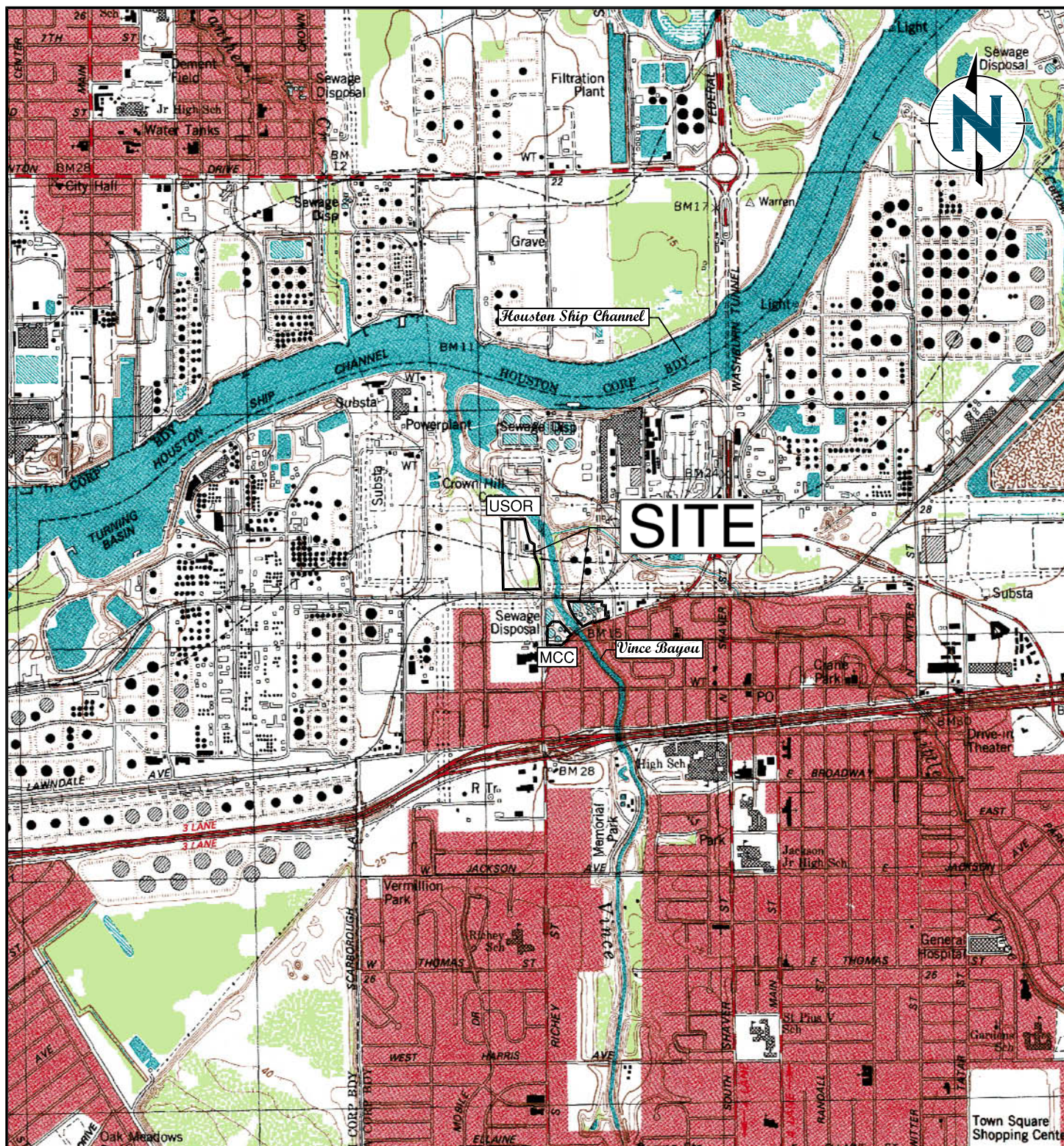
Date	Shipping Manifest Number	Manifest Volume (gallons)
10/17/2013	71740	4,682
10/17/2013	71754	4,682
10/30/2013	71496	5,000
10/30/2013	71497	5,000
11/7/2013	78171	5,019
11/7/2013	78172	5,129
1/2/2014	79095	5,183
1/2/2014	79103	4,900
4/7/2015	002720689	5,000
4/8/2015	002720711	5,000
<b>Total</b>		<b>9,595</b>

Table 7: Frac Tank Liquid Removal Summary		
Date	Shipping Manifest Number	Manifest Volume (gallons)
6/3/2014	002402227	650
<b>Total</b>		<b>650</b>

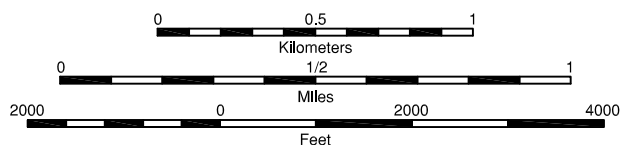
Table 8: Frac Tank Hazardous Solids Removal Summary			
Date	Weight (tons)	Shipping Manifest Number	Waste Stream
4/12/2014	9.51	002340848 GBF	Hazardous Waste
4/12/2014	13.41	002340849 GBF	Hazardous Waste
4/29/2014	15.33	002341683 GBF	Hazardous Waste
5/1/2014	13.29	002341041 GBF	Hazardous Waste
5/1/2014	14.14	002341685 GBF	Hazardous Waste
5/5/2014	15.25	002394997 GBF	Hazardous Waste
5/7/2014	13.89	002394998 GBF	Hazardous Waste
<b>Total</b>	94.82		

## FIGURES





SCALE 1:24000



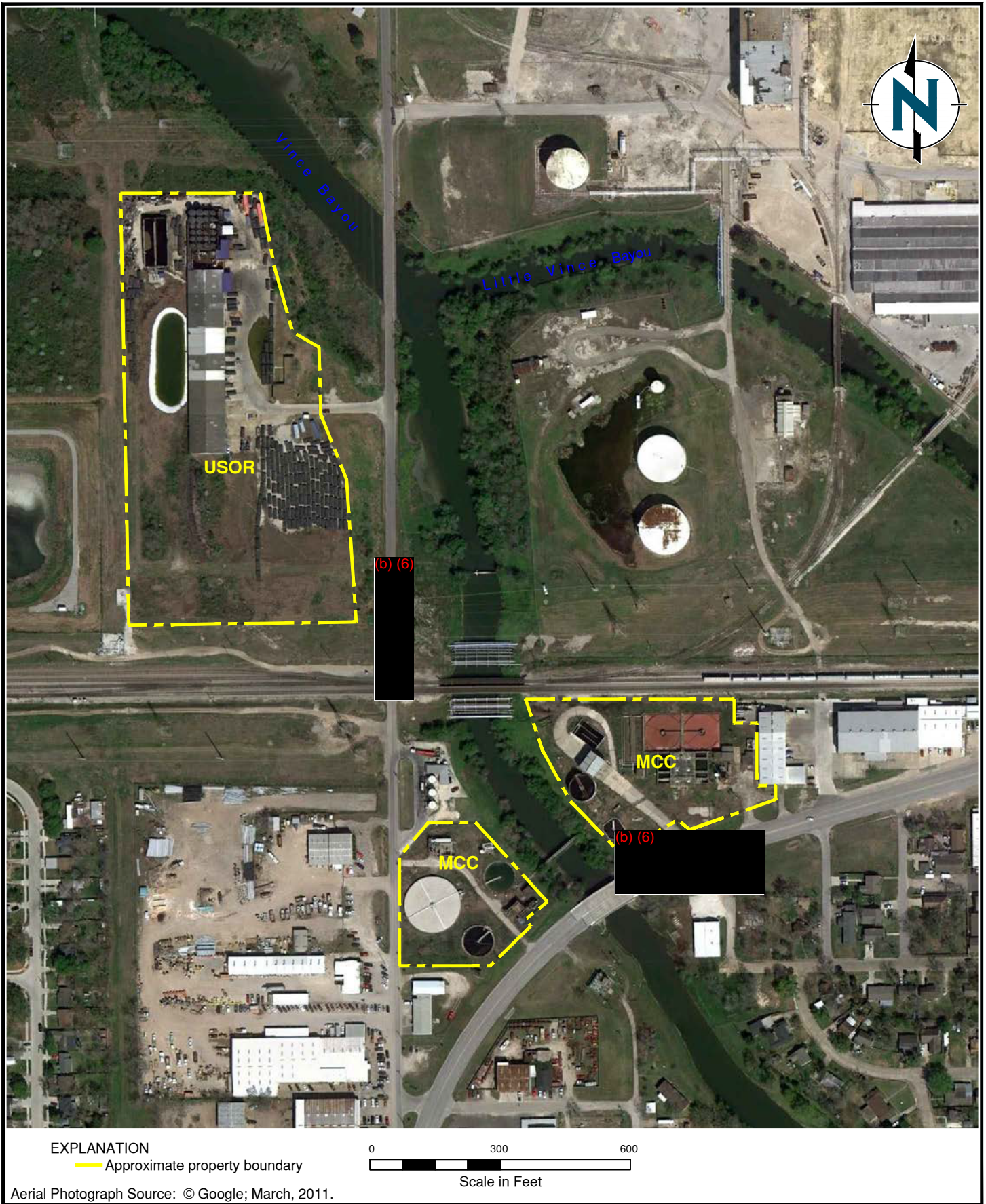
Source: U.S. Geological Survey 7.5 minute (topographic) quadrangle; Pasadena, Texas.

ENVIRON

Site Vicinity Map  
Phase I Site Monitoring and Stabilization Work Plan  
US Oil Recovery Site  
Pasadena, Texas

Figure  
1





DRAFTED BY: \GMILES

DATE: 1/16/2015

# **Site Area Map** **Phase I Site Monitoring and Stabilization Work Plan** **US Oil Recovery Site** **Pasadena, Texas**

**Figure**  
**2**



November 12, 2013



0 65 130  
Scale in Feet

Aerial Photograph Source: © Google 2013; dated October 2012.



**USOR Roll-Off Box Locations**  
US Oil Recovery Site  
Pasadena, Texas

Figure  
**3**

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DATE: 1/27/2014

C:\PROJECTS\PASADENA TX\USOR PROPERTY CONTAINER LAYOUT PASADENA 2.DWG



**APPENDIX A**  
**WORK PLAN ADDENDUM 2**

## **Addendum 2 to AOC Work Plan**

**Containerized Materials Field Screening and Removal Work Plan**

**July 29, 2013**

July 29, 2013

**Via Electronic Mail**

Adam Adams  
On Scene Coordinator  
United States Environmental Protection Agency  
1445 Ross Avenue  
Dallas, Texas 75202  
[adams.adam@epamail.epa.gov](mailto:adams.adam@epamail.epa.gov)

**Re: Response to EPA Feedback; Work Plan Addendum 2 for Containerized Materials Field Screening and Removal Work Plan Comments for the Former US Oil Recovery/MCC Recycling Site, Pasadena, Harris County, Texas CERCLA Docket No. 06-10-11**

Dear Mr. Adams:

On behalf of the US Oil Recovery (USOR) Site PRP Group ("PRP Group"), ENVIRON International Corporation (ENVIRON) is pleased to submit responses to your comments and questions related to the USOR Site Containerized Materials Field Screening and Removal Work Plan ("Addendum 2 Work Plan"). Your comments/questions were included in an email to the PRP Group dated July 18 2013. The PRP Group proposes that these comment responses in addition to the June 27, 2013 Sumter Transport Company (Sumter) Proposal/Work Plan (attached) will constitute the complete Addendum 2 Work Plan for the field screening and removal of containerized solids.

Each USEPA comment or question is provided first in italicized-font text followed by the ENVIRON response.

**EPA Comment No. 1:** *I understand Sumter is a contractor directly for the PRP Group. Does Environ have the authority to direct any of the process (i.e. sampling, processing, etc.)? If Sumter is not following the addendum, can Environ stop the operation and get the operation in-line with the approved Sludge Management plan? If not, who is the contact for Sumter that I need to coordinate with? Who is the contact for the PRP Group that Sumter answers?*

**ENVIRON Response:** During the implementation of the Addendum 2 Work Plan, ENVIRON will have personnel on-site full time who will be responsible for oversight of the contractor, compliance with the Work Plan Addendum and Site Health and Safety Plan (HASP), tracking the removal of solids, and documenting site activities. Although not contracted directly with Sumter, ENVIRON's on-site personnel will be acting as the PRP Group's on-site representative and will have the PRP Group's full authority to stop work and re-direct Sumter's compliance with approved Site work and HASP.

**EPA Comment No. 2:** *If a tank, roll-off container, tote, drum, etc. is brought into the Sludge Management process, it should be documented in the status of a database (i.e. blended, shipment date, shipment load #, empty, cleaned, final disposition, etc.). Will Environ be utilizing a sludge database to track container (all containers, tanks, roll-offs, etc) status during this process? Will reporting from this operation come to the EPA from Environ or Sumter? Who at the Site will be tracking the waste?*

**ENVIRON Response:** During the initial Site Conditions Assessment performed in October 2011, ENVIRON compared the existing on-site inventory of drums, totes and roll-off boxes against EPA's inventory compiled during previous response actions. This information was assimilated into an Excel spreadsheet (i.e., container tracking database) for future Site Monitoring and waste tracking purposes. As stated in the EPA Comment No. 1 response, ENVIRON will have personnel on-site full time during the implementation of the work who will be responsible for oversight of the contractor including tracking the removal of solids and documenting the containers that are emptied. Deliverables and tracking documents will be provided to EPA by ENVIRON through established PRP Group communications and/or reporting methods.

**EPA Comment No. 3:** *What about Site containments, secondary containments, and sumps? Is it the intention that sludges/liquids from those can also be included along with the bio-reactor, roll-off containers, above ground storage tanks, totes and drums?*

**ENVIRON Response:** For the proposed Addendum 2 activities, Sumter screened materials from 20 of the remaining 210 roll-off boxes and the North Tank Farm ASTs. The screening process was used to determine if the materials possess sufficient Btu value to meet the minimum fuel value for use as Hazardous Waste Derived Fuel (HWDF) at the receiving cement Kilns. It is not expected that many (if any) Site containment structures, secondary containments, bays, or sumps will contain material that meet the minimum Btu values needed for HWDF; however, if any of the liquids/sludges in those areas are found to be amenable to management as HWDF, they may be included in this removal action. The PRP Group has decided to address the North Tank Farm ASTs, totes and drum materials under a separate work plan and, therefore that material will not be addressed in the Addendum 2 Work Plan.

**EPA Comment No. 4:** *According to the addendum, it indicates approximately 2 weeks for sampling, 4 days mob/demob, and 47 days for shipping, approximately how much time is estimated for processing/preparing materials prior to shipment?*

**ENVIRON Response:** Sumter's anticipated 47-day schedule for shipping material off-site includes the necessary material processing and preparation. Please refer to Page 3 of the Addendum under the Materials Management section identified as "Sludges/Solids" for details.

**EPA Comment No. 5:** *Prior to shipment and based on the duration of the processing, it should be confirmed again with the respective EPA regional coordinators if the receiving facilities are still in an acceptable status by the EPA.*

**ENVIRON Response:** The PRP Group will check the status of each target receiving facility prior to shipping any material from the Site.

**EPA Comment No. 6:** *Page 2 indicates tank/container bottoms in 3 of the 4 options. Is the term bottoms being used to describe all solids and sludges being processed? If a roll-off container is 75% full of nothing but solids, is this considered all bottoms?*

**ENVIRON Response:** The reference to "bottoms" on Page 3 of the Addendum 2 Work Plan is a term of art used to describe solids in tanks or vessels. This project only involves liquids and solids and the term "bottoms" is interchangeable with solids and/or sludges.

**EPA Comment No. 7:** *Sampling – Please describe the sampling procedure moreso [sic]. Is a grab sample from the sludge from the top 6 inches of a roll-off considered representative, or is the plan to collect a sample from the column of sludge in a roll-off container?*

ENVIRON Response: Sumter collected samples from the full depth of the container as part of the screening evaluation performed during the week of July 8, 2013. Based on historic EPA response action sample results and the consistent screening results from the 20 roll-off boxes and 19 ASTs that were sampled at that time, Sumter believes they have sufficient information to move forward with the full scale implementation of the solids removal project.

***EPA Comment No. 8:*** Page 3 indicates Sumter will notify Environ of “major changes” in shipping plans and subsequently state environmental officials of the respective receiving facility. Will this include notification to EPA?

ENVIRON Response: Yes.

***EPA Comment No. 9:*** Any specifics regarding spill prevention during the processing of the sludges/liquids?

ENVIRON Response: Sumter’s spill prevention plan is provided as an attachment to these comment responses. In general, Sumter will construct a secondary containment staging area for processing solids. After determining the mechanical integrity and door seal conditions are adequate for moving, the Roll-off boxes will be moved to the secondary containment using a roll-off truck. During movement, drip pans, absorbent materials, spill response supplies, and plastic sheeting will be used to contain the contents. Hoses with cam-lock fittings will be used, with the cam-locks secured with Velcro, wires, or duct tape to prevent loosening during handling and operation.

***EPA Comment No. 10:*** The plan indicates “only materials that can be processed as a HWDF will be managed by Sumter.” What is the plan with the remainder of the sludges/liquids in the bio-reactor, ASTs, roll-off containers, etc? It does indicate that the other material will be utilized if it can [sic] has a fuel value, but what about the remainder?

ENVIRON Response: The intent of this solids removal project is to ship all high Btu value Bioreactor and roll-off box materials off-site for use as HWDF. Materials that do not have sufficient Btu value will be managed under separate work plan(s). Based on Sumter’s sampling, it is expected that, at the conclusion of this solids removal project, no materials will remain in the Bioreactor and roll-off boxes.

***EPA Comment No. 11:*** What will be provided to EPA following disposition of the sludges/liquids to confirm closure on a specific tank, roll-off container, etc?

ENVIRON Response: Based on our conversation on July 19, 2013, it is our understanding that EPA’s specific “closure” concern in this comment pertains to the documentation of the final disposition of the liquid and sludge material and not regulatory closure of a tank or container. As such, the PRP Group has arranged to have the receiving Kilns provide a certificate of destruction of the sludges/liquids to the PRP Group to document the disposition of the material. Furthermore, as provided in the response to Comment No. 2, ENVIRON will have personnel on-site full time during the implementation of the work to track the destroyed solids to specific containers that are emptied.



**EPA Comment No. 12:** *Will cutter stock be brought on-site or will they only use material currently on-site?*

ENVIRON Response: Yes, based on current information, Sumter believes cutter stock will be brought to the Site for blending. Sumter will be providing the PRP Group with information that identifies the source of the cutter stock for review and approval prior to bringing the material to the Site, and will provide an MSDS for the material, if available.

**EPA Comment No. 13:** *They need to provide and use the air monitoring equipment that they say they are going to use. Work plan indicates they will monitor with PID, Oxygen, H2S, and benzene detector tubes. During the initial work I do not believe they monitored for Oxygen or H2S. The benzene tubes were initially off-site which caused delays. H2S was formerly detected around the NTF ASTs at high levels.*

ENVIRON Response: Sumter and ENVIRON will conduct air monitoring using a 4-gas meter (i.e., PID, O2, H2S, and CO2) as described in the Site HASP. Air monitoring using the 4-gas meter will be conducted in the work area and periodically at the fence line. Sumter and ENVIRON on-site personnel will wear personal H2S monitoring/alarm devices as well.

**EPA Comment No. 14:** *On Page 3, 1st Paragraph it states that the "oily water" will be managed according to procedures established in Work Plan Addendum 1. Does this mean that oily liquids from a roll-off container or AST will be transported to Intergulf under the current recycling profile, while the hazardous sludges from the same roll-off container or AST will be treated under the Sludge Management plan? If a roll-off container or AST is determined to be hazardous, all the contents of that container should be managed as hazardous. The hazardous portion cannot be treated as such and the "oily water" be sent as nonhaz.*

ENVIRON Response: Oily liquids in the Bioreactor and roll-off boxes that do not have sufficient Btu value for use as HWDF will be managed under the existing Intergulf profile for the Bioreactor liquids. The PRP Group has conducted a detailed Site document review including correspondence from EPA, TCEQ, Coast Guard, and Harris County related to the contents of the Bioreactor and roll-off boxes. The Site and Agency documents strongly indicate that the Bioreactor contained used oil and the roll-off boxes were used to contain the contents of the Bioreactor. This information was provided to Intergulf for profiling under the Used Oil regulations (40 CFR 279). The Bioreactor liquids profile was approved by Intergulf following an extensive review. EPA also provided its concurrence to the profile in an email correspondence dated May 22, 2012. The Used Oil regulations allow used oil to be managed under 40 CFR 279 even if the liquid exhibits a hazardous characteristic.

The potential hazardous nature of the solids is not applicable in this case. The solids are considered to be a "Used Oil contaminated material" bound for energy recovery, and in accordance with 40 CFR 279.10(c)(2) are managed as Used Oil. Furthermore, waste characterization of the solids for HWDF is not required by cement kilns.

**EPA Comment No. 15:** *What will the samples be screened for? Chlorinated solvents, metals?*

ENVIRON Response: Screening of waste material is performed to assess the acceptance of the material as HWDF prior to shipment to the Kiln. To reduce the potential for load rejection or surcharges Sumter will be testing the material for Btu value and conducting blending studies to determine if cutter stock will be necessary to increase Btu value or slurry solids for transportation. Other screening will include screening the chloride content and inspecting the contents of the containers to determine the volume of water, organic liquid and solids.

Due to inconsistencies between PID and detector tube readings experienced during sampling activities performed during the week of July 8, 2013, Sumter elected to collect samples for laboratory analysis to determine the volatile content of the waste for health and safety purposes and to determine proper PPE requirements. Sample results are currently pending.

***EPA Comment No. 16: What is the plan for the material if it is rejected at the receiving facility?***

ENVIRON Response: The purpose of Sumter's screening and blending process to determine if the contents meet the minimum acceptance criteria (Btu value, blending, non-polar compounds, etc.) prior to shipping material off-site. Based on the screening done to date, it is expected that the materials shipped to the Kilns will meet the acceptance criteria and will be accepted at the receiving facility. In the unlikely event that a load is rejected at the kiln, the material will be brought back to the USOR Site for further evaluation and subsequent management based on that evaluation.

***EPA Comment No. 17: What will be done with the empty containers (i.e. roll-off boxes)?***

ENVIRON Response: After removal of contents, roll-off boxes will be staged on-site RCRA empty and tarped pending final disposition with the container owners.

***EPA Comment No. 18: Does this plan include the decon of the bio-reactor?***

ENVIRON Response: Yes, the Bioreactor will be decontaminated. The details of the Bioreactor decontamination are provided in Addendum 1 Work Plan dated April 20, 2012.

***EPA Comment No. 19: Will the remainder of the roll-off containers be screened?***

ENVIRON Response: Based on the consistent screening results from 20 roll-off boxes that were sampled during the week of July 8, 2013, Sumter believes they have sufficient information to move forward with the full scale implementation of the solids removal project, without further screening of the remaining roll-off boxes.

If you have any additional questions or additional comments, please contact me by phone at 713-470-6651 or by email at ([bjones@environbcorp.com](mailto:bjones@environbcorp.com)) or Robert Coffman at 405-286-9198 or his email ([rcoffman@environcorp.com](mailto:rcoffman@environcorp.com)). We look forward to working with you on this important project.

Sincerely,

A handwritten signature in black ink, appearing to read "RCoffman", followed by a horizontal line.

Robert E. Coffman, PG  
Senior Manager and USOR Project Coordinator

A handwritten signature in black ink, appearing to read "Brent Jones".

Brent M. Jones, PE, BCEE  
Principal and Board Certified Environmental Engineer

cc: Eric Pastor, Pastor, Behling & Wheeler, LLC  
Rich Familia, Sumter Transport

Attachment – Sumter Transport Spill Prevention Plan

## **Attachment 1**

### **Sumter Spill Containment Plan**



**Spill Containment Program  
Former US Oil Recovery/MCC Recycling Site  
Pasadena, TX**

**Sumter Transport Company  
Sumter, South Carolina**

July 23, 2013

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## 1. Introduction

This Spill Containment Program (SCP) is prepared to address work at the Former US Oil Recovery (USOR)/MCC Recycling (MCC) Site by Sumter Transport Company (Sumter Transport).

This SCP describes the procedures to minimize the opportunity for leaks or drips from containers and tanks during material management and removal, and to respond to leaks or drips if they occur.

### 1.1 Coordination With Other Documents

The Sumter Transport Health and Safety Plan (HASP) provides a description of the known existing site conditions as they may affect health and safety; describes what activities will be taking place at the site as part of the project; reiterates health and safety requirements; describes levels of personal protective equipment (PPE) that may be required and the criteria for such protection; and provides contingency planning for site communication, emergency equipment, and emergency planning. In addition, the plan provides mechanisms for amending the plan and for assuring that project personnel have read the plan and have met its health and safety requirement such as medical surveillance, respirator fit testing, and training.

Sumter Transport is also referencing the *Site Health and Safety Plan, Site Monitoring and Stabilization Work Plan, Former US Oil Recovery/MCC Recycling Site, January 18, 2013 approved by US EPA (the "Site HASP")*. Sumter Transport has supplemented our basic site-specific Health and Safety Plan with relevant issues found in the *Site HASP*. Both HASPs will be reviewed by Sumter Transport employees during their first on-site safety briefing.

Copies of the Sumter Transport site-specific Health and Safety Plan and the *Site HASP* will be maintained on site during planned work at USOR.

## **2. Emergency Contact Information**

This section provides information about the site location, key Sumter Transport personnel, regulatory contacts, and Environ contacts.

### **2.1 Site Location**

USOR is located at 400 N. Richey Street, Pasadena, TX. MCC is located at 200 N. Richey Street, with locked entrances also on S. Richey Street.

### **2.2 Key Personnel**

The following personnel, or their designee as appropriate, are designated to carry out the stated job functions on site. One person may carry out more than one job function.

Project Supervisor and onsite H&S rep	Frank Costas
Mobile Telephone Number:	803-840-5345
Sumter Transport Office Telephone:	803-775-1002

Or

Project Supervisor and onsite H&S rep	Travis Brown
Mobile Telephone Number:	803-840-5354
Sumter Transport Office Telephone	803-775-1002

Or

Project Supervisor and onsite H&S rep	Neil Lonoza
Mobile Telephone Number:	803-840-5356
Sumter Transport Office Telephone	803-775-1002

Sumter Transport Health and Safety Officer:	John Kinsey
Sumter Transport Office Telephone:	803-775-1002 x124
Mobile Telephone Number:	803-840-5331

### **2.3 Emergency Contacts**

The facility is not occupied, so only outside resources are available for responding to medical, fire, or spill emergencies.

In case of a medical emergency, call 911.



In case of a site emergency, fire, or spill, call 911.

In case of a reportable spill (spill in excess of Reportable Quantity), call the National Response Center at 800-424-8802, Texas SERC at 800-832-8224, and Texas Region 12 TCEQ office at 713-767-3500 (8:00 am to 5:00 pm Monday through Friday).

In case of an emergency, after regulatory/emergency calls have been made, call Environ Corporation Health and Safety Coordinator Tricia Rittaler at 713-470-6650 (office) or 832-387-1969 (mobile), Environ Principal Brent M. Jones, PE, BCEE at 713-470-6651 or 713-857-6114, or the Environ Project Manager Robert Coffman at 405-418-8828 (office) or 405-464-7539 (mobile).

For non-emergency calls only, the Pasadena Police Department telephone number is **713-477-1221**. The Pasadena Fire Department number is **713-475-5554**.

The closest hospital to the USOR/MCC site is Bayshore Medical Center, 4000 Spencer Highway, Pasadena, TX, 713-359-2000.

### **3. Spill Containment**

Specific controls and procedures will be used to prevent the release of materials outside of secondary containment.

#### **3.1 Roll-offs**

Roll-off boxes will be moved from current locations to a secondary containment area. Prior to movement of a roll-off, the roll-off will be inspected to assess the mechanical integrity of the roll-off and condition of the door and seal. Once the mechanical integrity and door seal conditions are confirmed as suitable for moving a roll-off, the process of moving the roll-off will be initiated.

##### **Moving Roll-offs**

To prepare for moving a roll-off, spill response supplies, plastic sheeting, and drip trays will be staged adjacent to the roll-off.

Prior to lifting roll-offs onto the truck, liquid layers will be pumped from the roll-off. Absorbents and drip trays will be placed under the rear lip of the roll-off. As the roll-off is lifted by the roll-off frame truck, liquids moving to the rear of the roll-off will continue to be pumped from the roll-off. If solids start to slide towards the rear of the roll-off, the lifting will be halted to assess if the lift can continue without the risk of solids leaving the roll-off. If it appears that solids will leave the roll-off if the lift is continued, then removal of sufficient solids to continue moving the roll-off will be considered.

Hoses with cam-lock fittings will have the cam-locks secured with Velcro, wires, or duct tape to prevent loosening during handling and operation.

If materials leave the roll-off and reach the drip pans or absorbent materials, they will be managed promptly. Use of the drip pans is preferable to use of absorbents.

The roll-off will then be moved for placement on secondary containment. Prior to placement of the roll-off, the secondary containment will be confirmed clean of materials and/or stormwater. As the roll-off begins tilted as it is placed in the secondary containment, it will be observed for liquids or solids mobilized by the movement of the roll-off. Liquids or mobile solids will be removed to the extent possible, and the roll-off will be placed in the secondary containment. If liquids or solids reach the secondary containment, they will be managed promptly.

For boxes with impaired mechanical integrity, plastic sheeting, drip pans, and absorbent materials will be placed around the box, and materials will be removed

from the box without moving the box to secondary containment. Materials that reach the plastic sheeting, drip pans or absorbent materials will be promptly removed and directed to an appropriate solids or liquid management container.

### **Materials Management In Roll-offs**

Materials in the roll-offs will be removed while the roll-off is in secondary containment. Prior to managing materials in a roll-off, the secondary containment will be confirmed clean of materials and/or stormwater.

If there is potential drip points, such as liquid line connections, drip pans will be placed beneath these points to manage drips prior to reaching secondary containment.

Materials that reach a drip pan or secondary containment during the materials management will be promptly removed.

## **3.2 Bioreactor**

The Bioreactor structures provide containment for the solids and liquids present. Materials will be moved to containers for disposal. Containers will be loaded over secondary containment. Hoses and equipment will have drip pans or plastic under potential drip points or transit areas to catch drips.

Materials that reach a drip pan or secondary containment during the materials management will be promptly removed.

## **4. Spill Control Supplies**

Spill controls are used to prevent the release of materials or to contain released materials.

### **4.1 Secondary Containment Structures**

Sumter Transport will install secondary containment structures with sufficient size, volume, and durability to place roll-off containers for subsequent materials management.

### **4.2 Materials Management**

Drip pans, trays, or buckets will be placed under areas of potential or anticipated releases or drips, both inside and outside of secondary containment. The objective of using these containers is to catch and immediately redirect materials to their intended placement.

### **4.3 Spill Response Supplies**

Absorbent materials, plastic sheeting, shovels, and brooms will be maintained in sufficient supply to support spill response activities.

## **5. Disposal**

In addition to the objective of not having leaks or drips, Sumter Transport will also manage leaks or drips in a manner that the resultant clean up materials will continue to be amenable to existing or planning disposal profiles.

### **5.1 Liquids**

Liquids collected in drip pans or in secondary containment will be managed along with liquids being removed from the roll-off container. For example, if liquids are being pumped from a roll-off to a vacuum truck, liquids from a drip tray will also be pumped to the vacuum truck.

### **5.2 Solids**

Solids collected in drip pans or in secondary containment will be swept or shoveled either back to the roll-off or placed in the same container that the roll-off solids are being placed.

## **6. Decontamination**

During materials management activities, tools such as brooms and shovels will be cleaned to be visibly free of materials, and managed in a container, or will have plastic taped around the working surfaces to prevent incidental contamination of other tools, equipment, or site media.

At the completion of work, tools will be decontaminated or discarded as hazardous waste. Shovels will be rinsed and verified visually clean. Brooms will be discarded.

Personal protective equipment, such as coveralls and gloves, plastic sheeting, and other similar materials will be containerized for future disposal.



## **Attachment 2**

### **Containerized Materials Field Screening and Removal Scope**



**Addendum 2 to AOC Work Plan**  
**Containerized Materials Field Screening and Removal Scope**  
**June 27, 2013**



June 27, 2013

Mr. Robert Coffman  
ENVIRON International Corporation  
10333 Richmond Avenue, Suite 910  
Houston, Texas 77042

Re:

Addendum 2 to AOC Work Plan, Former US Oil Recovery/ MCC Recycling Site  
Containerized Materials Field Screening and Removal Scope

Dear Mr. Coffman,

Sumter Transport Company (Sumter Transport) is pleased to submit this Work Plan Addendum for field screening and removal of various containerized materials at the US Oil Recovery (USOR) Site in Pasadena, Texas.

### **Executive Summary**

Sumter Transport is proposing to blend containerized materials at the Site for disposal as Hazardous Waste Derived Fuel (HWDF), where the materials will be beneficially used as fuel in permitted cement kilns. In addition to offsetting the use of virgin fuels by the cement kilns, this use of the HWDF offers an extremely high destruction efficiency of the materials, minimizing the potential for future liability for hazardous waste residuals.

Sumter Transport will accomplish this by screening the contents of the Bioreactor and roll-off boxes (approximately 225), as well as screening some or all of the above-ground storage tank contents to determine the suitability and recipe for blending these and other cutter materials to produce an acceptable HWDF.

Management of other materials contained in tanks, totes, and drums present at the Site is not included in this scope of work, but some of these other materials may be used to facilitate fuel blending operations for the sludges and solids included in the Bioreactor and roll-offs. During the course of field screening the various tanks throughout the Site for the possible use of the organic liquid for blending purposes, additional sludge or solids may be found to be present. If this material is subsequently included in the scope of work, the work procedures contained in this document will be utilized; however, the time frame noted for the completion of the work may be affected such that additional time will be needed to accomplish such work.

### **Screening Sampling and Pre-Removal Activities**

Field Screening of materials will be conducted to screen the materials for suitability and to determine recipes for blending Site materials and cutter stock to produce a HWDF.

Field Screening of the materials in the storage tanks on Site will also be conducted to determine the amount of sludge present for the purpose of providing a cost estimate for the removal and disposal of such sludge in conjunction with the Bioreactor and roll-offs.

The field investigation activities are designed to characterize the physical state and fuel attributes of the material as well as determine the blending characteristics of the material to include items such as compatibility, homogeneousness, specific gravity, and moisture content. All field investigation activities will be conducted in accordance with the Sumter Transport Health and Safety Plan (HASP), submitted under a separate cover, and Site HASP dated May 30, 2012.

A sample designation is a unique number that identifies each sample under the field screening program. Immediately upon collection, each sample will be labeled with an adhesive label. Each sample label will include the sample number, date/time of collection, and technician. Each sample number will consist of an identification system that describes the container ID, type container, and sample type (i.e. liquid, sludge, or solid).

Upon completion of the field screening process the samples will be transported to the Sumter Transport laboratory located in Sumter, SC. The Sumter Transport laboratory will conduct testing in order to obtain information listed above.

As the field screening is not being used to characterize materials for waste disposal, field screening will be conducted to meet good laboratory practices.

Containers will be screened using a PID, oxygen meter, benzene detector tubes, and hydrogen sulfide meter prior to accessing the container for sampling.

Starting with some of the roll-offs previously evaluated by USOR, Texas Commission on Environmental Quality (TCEQ), and EPA, Sumter Transport will establish a baseline PID level to use as a screening level for evaluating if roll-offs or other containerized materials do not fit the range of previously evaluated materials.

For PID levels greater than 1 ppm, benzene detectors tubes will be used to determine the presence and level of benzene.

For occupational exposure control and PPE selection, including respiratory protection levels, the combination of PID, oxygen meter, benzene detector tubes, and hydrogen sulfide meter readings will be evaluated.

Once a container is determined suitable for sampling, where appropriate (aqueous liquids), pH paper will be used to confirm that the materials are not corrosive ( $\text{pH} \geq 12.5$  or  $\leq 2.0$ ).

### **Materials Management**

Upon completion of the field screening, Sumter Transport will provide the necessary supervision, labor, equipment, tools, materials, and any other required items to manage the pumping or conveying of the materials contained within these containers as well as those activities required in the cleaning process of the containers. Only materials that can be disposed of as a HWDF will be managed by Sumter Transport.

### Liquids

The Btu value of the liquids will determine the disposal method chosen. For those liquids containing a Btu value of 2500 Btu/pound or greater, each gallon will either be shipped directly to a cement kiln for its recycled fuel value or will be blended with solids contained within other containers on site in order to be managed as a slurry. Liquids that do not contain the minimum recycled fuel value will be managed as oily water in accordance with the procedures described for oily water management in previously submitted Work Plan Addendum 1 (dated April 20, 2012).

### Sludges and Solids

Sludge and solids materials that are determined to be suitable for use as blended HWDF will either be mixed with liquids listed above, will be resuspended and shipped as slurry, or will be shipped as a solid, depending on the requirements of the cement kiln.

The sludges and solids categorized above will be managed in one of the following methods:

- a) Blend in Tank/Container – Tank/container bottoms are blended in place with cutter stock, then pumped onto agitated tankers for transportation to cement kilns for use as HWDF.
- b) Blend in Tanker – Tank/container bottoms are conveyed to proprietary patented agitated tankers where cutter stock is introduced for blending and transportation to a cement kiln for use as HWDF.
- c) Blend in Frac/ Blend Box – Tank/container bottoms are conveyed to proprietary patented agitated equipment where cutter stock is introduced for blending. Slurry is pumped to agitated tankers for transportation to a cement kiln for use as HWDF.
- d) Excavate and Load into Specialized Dry Bulk Tankers – Material is transported to a cement kiln to be blended and processed with kiln supplied cutter stock and then use as HWDF. Blending is conducted using Sumter Transport patented mixing system.

All management methods described above will be conducted in accordance with the Site HASP and Sumter Transport HASP.

### Soil, Debris

If encountered in roll-off containers, soil or debris will be segregated and not included in fuel blending activities.

### Damaged or Insufficient Freeboard Containers

If containers are damaged and not suitable for conducting blending operations, or if containers are too full to allow for blending of materials, some or all of the container contents will be transferring to another suitable container to conduct blending operations without risking material releases due to container failure overtopping containers.

## **Disposal Facilities**

The Administrative Order on Consent (AOC) includes requirements for disposal facilities in paragraph 23. Off-Site Shipments.

To date, the following receiving facilities have been approved by EPA, in accordance with the AOC:

- Ash Grove Cement Facility, Foreman, Arkansas;
- Holcim Cement Facility (Geocycle), Holly Hill, South Carolina
- Buzzi Unicem Cement Facility, Cape Girardeau Missouri
- Buzzi Unicem Cement Facility, Greencastle, Indiana
- Essroc Cement Facility, Logansport, Indiana

Sumter Transport will provide the following information to ENVIRON International Corporation (ENVIRON) for submittal to the EPA On-Scene Coordinator and the appropriate state environmental official in the receiving facility state:

- a) The name and location of the receiving facility
- b) The type and estimated quantity of waste material to be shipped
- c) The expected schedule for shipment of waste material
- d) The method of transportation

Sumter Transport will also communicate to ENVIRON any major changes in shipment plans for subsequent submittal to the state environmental official of the receiving facility.

## **Schedule**

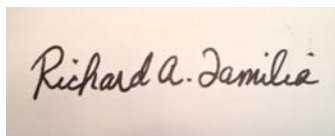
Sampling of roll-offs and tanks is estimated to take from one to two weeks.

The materials removal schedule is based upon the capacity of the cement kilns, not on the number of employees or the number of hours worked. Based on the current work description, it is estimated that there will be 205 truckloads of material shipped. Typical project workdays consist of six days per week with four to six loads being shipped per work day. Based upon this, the project is anticipated to require approximately 47 shipping days. Mobilization and demobilization are estimated to be four days each. If the scope of work is changed as a result of the addition of sludge or solids found during the sampling of the various tanks found on the Site, this schedule will change, depending on the amount of additional shippable material.

Addendum 2 to AOC Work Plan  
Containerized Materials Field Screening and Removal Scope  
June 27, 2013  
Page 5 of 5

If you have any questions concerning the proposed scope of work, please do not hesitate to contact me.

Sincerely,

A rectangular image showing a handwritten signature in dark ink on a light-colored background. The signature is written in a cursive style and reads "Richard A. Familia".

Richard A. Familia  
Director of Sales  
(843) 693-8006

bcc    Connie Westfall, Strasburger & Price  
Mary Koks, Munsch, Hardt, Kopf & Harr  
Kelly Brown, Crain Caton & James  
Jim Morriss, Thompson & Knight

**APPENDIX B**  
**WORK PLAN ADDENDUM 5**



## **Addendum 5 to AOC Work Plan Remaining Roll-off Box Waste Removal and Cleaning Work Plan**

### **INTRODUCTION**

The purpose of this addendum (Addendum 5 to the AOC Work Plan) is to present the Scope of Work (SOW) and methodology for the characterization, removal, and disposal of waste contained in remaining roll-off boxes at the U.S. Oil Recovery (USOR) and MCC Recycling (MCC) properties located at 400 N. Richey Street and 200 N. Richey Street, respectively, in Pasadena, Texas. This addendum also describes proposed procedures for cleaning of the roll-off boxes after content removal. Due to the physical nature of their contents, these containers were not processed as part of the Containerized Materials Field Screening and Removal Scope (Addendum 2 to the AOC Work Plan) dated July 29, 2013, which was approved by EPA on August 2, 2013 and for which field activities were completed in November 2013. As a result, this addendum has been prepared to address these remaining roll-off boxes.

The USOR PRP Group (Group) previously identified 32 roll-off boxes at the USOR property and four roll-off boxes on the MCC property containing waste that was not removed as part of previous field activities. The Group intends to remove the waste from the roll-off boxes, dispose of the waste at an approved disposal facility(s), and clean the roll-off boxes that contained the waste.

To accomplish this task, a Request for Proposal (RFP) was submitted to a list of vetted contractors and proposals were solicited for the removal and disposal of waste contained in the roll-off boxes. As part of the information provided to each contractor, the RFP included a summary of previous visual inspections conducted for each roll-off box. The inspections detailed observations regarding the description and quantity of waste contained in each roll-off box. Based on a thorough evaluation of the proposals, Effective Environmental, Inc. (E<sup>2</sup>) was selected by the Group to perform the scope of work requested in the RFP.

A summary of past inspections containing a description of the approximate projected volume of waste remaining in each container and a preliminary identification of that material based on visual observations is included as Table 1.

### **SCOPE OF WORK**

The Group intends to remove all remaining waste from the existing roll-off boxes that contain waste. The waste material will be sampled and characterized prior to any disposal considerations. The waste material will be disposed of at a permitted, off-site, and EPA-approved disposal facility. Additionally, the Group will clean the emptied roll-off boxes, and dispose of wash fluids and/or solids generated from the cleaning process at a permitted, off-site, and EPA-approved disposal facility. Documentation of activities described above will be included with a report documenting the processing of all roll-off containers under Addendum 2, and now Addendum 5, to the AOC Work Plan (i.e., the "Roll-off Removal Action Report"). The SOW for the activities referenced above includes the four tasks described in detail below.

#### **Task 1 - Waste Segregation/Consolidation/Sampling/Characterization**

##### *Task 1.1 – Waste Segregation/Consolidation*

Liquids will be removed from all roll-off boxes (with the exception of R0058 and R0183) using a vacuum truck. The removed liquid will be transferred to a temporary storage container on site (frac tank provided

by E<sup>2</sup>). During previous inspections, R0058 and R0183 appeared to contain similar colored liquids and exhibited a distinct chemical odor different from other roll-off boxes. Based on these observations, it is anticipated that liquids contained in these two roll-off boxes are similar in composition, and therefore the liquid contents of R0183 will be transferred to R0058 and stored separate from the liquids in the other roll-offs.

Once liquids are removed, solid wastes contained in the roll-off boxes (used PPE, corrugated pipe, cardboard, plastic bottles, soda cans, sampling jars, Styrofoam, food containers, and other solid waste) will be consolidated in containers containing similar waste (R0101, R0133, R0149, R0153, R0155, R0184, R0192, and R0204). To prevent damage to the roll-off boxes and minimize the potential for waste to be released during box movement, roll-off boxes containing waste will only be moved as necessary for consolidation equipment access and to allow placement of other roll-off boxes used for consolidation. Consolidation of waste between roll-off boxes will be performed in the USOR parking lot area. Plastic sheeting containing bermed edges will be placed on the sides of the roll-off boxes and on the ground surface adjacent to the boxes to contain any potential spills during material transfer.

After liquids have been removed from roll-offs containing sludges or soil-like material, the remaining wet sludge/soil-like material will be either solidified in each original box or consolidated with like materials. E<sup>2</sup> will add a pozzolanic material such as bed ash to the roll-off and use a track hoe or similar mechanical device to mix the material during solidification. Solidification in the roll-off boxes will be performed in the USOR parking lot area. Plastic sheeting with bermed edges will be placed on the sides of the roll-off boxes and on the ground surface adjacent to the boxes to contain any potential spills during consolidation.

The intent of the solidification process is to remove any free liquid so that the resultant mixture of pozzolanic material and waste passes the paint filter test. Solidification of sludge material will reduce the potential for on-site spills during waste removal activities and has also been determined to be the most cost effective method for acceptance by the approved disposal facility. The volume of sludge that is anticipated to be solidified is approximately 60 to 100 cubic yards.

Based on the inspection of the roll-offs present at the MCC site (general trash with no apparent liquid or sludge), the roll-off boxes and dumpsters on that property will be processed in a method similar to those present at the USOR site. Roll-offs/dumpsters on the MCC property will be transported to the USOR site and staged in the concrete parking lot area. Waste in these containers will be segregated with like waste for consolidation using the techniques previously described. The roll-off boxes and dumpsters will be cleaned using the methods detailed in this Work Plan Addendum and placed at a designated area on the USOR property.

#### *Task 1.2 – Waste Sampling*

Once segregation and consolidation of the waste has been completed, representative samples of each identified waste stream will be collected for analysis. The total number of waste streams and thus the total number of waste profile samples required for disposal purposes will not be known until the liquids segregation and solids consolidation processes have been completed; however, based on previously completed visual inspections, four specific waste streams have been identified. These are:

- (1) liquids that are liquids transferred to the contractor provided frac tank;
- (2) liquids that are consolidated in R0058;
- (3) general solid waste (including any investigation-derived waste (IDW) generated during completion of the waste segregation and consolidation tasks); and

(4) solidified wet sludge/soil-like material.

One representative liquid sample will be obtained from roll-off box (R0058) and one representative liquid sample will be obtained from the E<sup>2</sup> liquid storage container (frac tank) using a disposable bailer. If it is noted that more than one phase is present, the individual phases will be sampled separately using a long handled dipper sampler and will be analyzed by the laboratory as separate samples. It is not anticipated that a dense non-aqueous phase liquid will be present. The individual liquid samples (R0058 and the frac tank) will be acquired after the contents have been thoroughly mixed using a circulation pump. The individual liquid samples will be placed in glassware supplied by the laboratory and subsequently a cooler with ice and transported to the laboratory with the solid waste samples described below. No compositing of liquids from roll-off box R0058 and the frac tank will occur.

In terms of sampling the solid materials, it is expected that the consolidation and solidification processes will result in a generally homogenous distribution of solid material within each roll-off. For characterization and profiling purposes, one composite sample will be collected from each potential solid waste stream.

The solid waste stream sample will be acquired as follows:

- A composite sample will be obtained from each individual roll-off and will consist of four aliquot samples collected with a hand auger (or equivalent device) at the center of each roll-off (four horizontally-spaced locations) through the entire depth of the waste.
- A representative portion of the composite samples (comprised of the individual roll-off box aliquot samples) collected from each roll-off will be combined and mixed with the representative samples from each of up to 5 other roll-offs in a clean bucket. For example; if a solid waste stream is contained in four roll-offs, one composite sample will be obtained. In the event that nine roll-offs contain a solid waste stream, two composite samples will be obtained.
- If, after consolidation, a single solid waste stream (e.g., the general solid waste stream noted as Item 3 in the above list) is contained within six or more roll-offs, a representative portion of the composite samples obtained from each group of five roll-offs (zero to five roll-offs, six to 10 roll-offs, etc.) will be placed in laboratory supplied glassware. The resulting sample(s) will be used to characterize that waste stream (see Task 1.3 below).

Sampling tools will be decontaminated between sampling of waste streams using an Alconox wash and final de-ionized water rinse. The composite samples will be placed in a cooler with ice, sealed, and transported to the analytical laboratory with chain of custody documentation.

Wet sludge/soil identified during the waste segregation/consolidation process will be sampled after solidification using the solid waste sampling procedures and equipment described above. All sampling will be performed in accordance with the EPA-approved Site Monitoring and Stabilization Quality Assurance Sampling Plan (QASP) dated May 30, 2012.

Samples will be analyzed by ALS Environmental Laboratory, Inc. (Houston, Texas) for the following list of analytes in accordance with the EPA-approved Site Monitoring and Stabilization Quality Assurance Project Plan (QAPP) dated May 30, 2012.:

- Liquids - Total Petroleum Hydrocarbons (TPH), Volatile Organic Compounds (VOCs), Semi Volatile Organic Compounds (SVOCs), Total Resource Conservation and Recovery Act (RCRA) Metals, and Reactivity/Corrosivity/Ignitability (RCI).

- General Solid Waste - TPH, VOCs, SVOCs, Total RCRA Metals, and RCI (TCLP analyses will be performed for any metal whose total concentration is greater than 20 times its applicable Toxicity Standard).
- Solidified Wet Sludge/Soil-Like Material - TPH, VOCs, SVOCs, Total RCRA Metals, RCI, and Paint Filter Liquids Test (TCLP analyses will be performed for any metal whose total concentration is greater than 20 times its applicable Toxicity Standard).

Additional waste streams, if any, that are identified following completion of the liquids segregation and solids consolidation will be characterized in a similar manner. The potential for additional waste streams might include further segregation should any of the above anticipated samples exceed a characteristic hazardous waste level (e.g., if total concentrations of a specific VOC, SVOC or metal indicate that additional Toxicity Characteristic Leaching Procedure (TCLP) analyses are needed). Information regarding any additional waste streams and sampling procedures to be used for those waste streams will be provided to and approved by EPA prior to implementation.

### *Task 1.3 – Waste Characterization*

Upon receipt of analytical testing results for waste characterization purposes, each identified waste stream will be characterized and profiled for off-site disposal. A list of proposed facilities for final waste disposal is presented below:

- Solid Non-hazardous Waste – Waste Connections Seabreeze Environmental Landfill, Angleton, Texas;
- Hazardous Solid Waste – US Ecology Texas Facility, Robstown, Texas;
- Non Hazardous Liquids –Waste Connections, Inc. Seabreeze Environmental Landfill, Angleton, Texas; and
- Hazardous Liquids – Rineco Facility, Benton, Arkansas

The EPA will be notified prior to off-site shipments of waste to the disposal facilities. Additionally, waste will not be transported to a facility that has not been approved by the EPA or the Group in advance.

### **Task 2 - Waste Transfer and Disposal**

Until waste characterization for the roll-off material (i.e., identification, profiling, and disposal facility approval and waste acceptance) is complete no waste removal or disposal activities will begin. Liquid waste will be removed via vacuum truck from the on-site temporary storage frac tank and R0058 for immediate transportation and disposal at the appropriate PRP Group- and EPA- approved waste disposal facility. Solid waste will be mechanically removed using a backhoe and placed in contractor supplied roll-offs and/or end dump trucks, and transported to the disposal facility. During the waste removal process, the roll-offs will be staged within the temporary, lined, and bermed consolidation area described above to provide spill containment. The PRP Group will verify the Off-Site Waste Rule status of each target receiving facility prior to shipping any material from the Site. Final manifests for waste disposal and appropriate disposal documentation will be retained from the disposal facility for inclusion in the final project report deliverable (see Task 4 below).

### **Task 3 – Roll-off Box Cleaning / Fluid Disposal**

Once waste has been removed from roll-off boxes, the emptied boxes will be transported to the on-site truck wash bay (Truck Bay 48) where they will be cleaned by making two passes across the entire bottom and sides of each empty container using a power washer with a water pressure rating between 1,000 psi and 3,000 psi. Cleaning of the container will be deemed complete when no loose solids are present in

the container, on the walls of the container, or on top of the container side walls, and staining has been removed to the extent practicable. Upon completion of cleaning, the boxes will be staged on the USOR property where the original tarps and bows will be placed back on the boxes, pending final disposition with the container owners. Roll-off boxes originating from the MCC property will be stored after cleaning within the USOR property.

Water generated from cleaning activities will be transferred to a frac tank supplied by E<sup>2</sup> for temporary storage. Once all the boxes are cleaned and stored, one representative sample of wash water contained in the frac tank will be collected using a bailer or similar device in accordance with the QASP procedures. Upon receipt of analytical results for the wash water, a waste profile will be generated and the wash water transported off-site for disposal at the appropriate Group- and EPA- approved landfill/disposal facility.

#### **Task 4 - Report**

Documentation from the above waste consolidation, characterization, removal, disposal, and cleaning activities will be included within the report addressing the processing of all roll-off containers under Addendum 2 to the AOC Work Plan (i.e., the "Roll-off Removal Action Report"). Documentation will also include manifests that identify the final disposition of all wastes transported for off-site disposal from these activities and appropriate disposal documentation.

#### **PROJECT OVERSIGHT**

Waste characterization, removal, and cleaning activities will be performed under the oversight of Golder Associates, Inc. (Golder). Golder will have on-site personnel responsible for full-time oversight of E<sup>2</sup>, compliance with the Work Plan Addendum including Site Health and Safety Plan (HASP), tracking removal of wastes, and documenting site activities. Although not contracted directly with E<sup>2</sup>, Golder personnel will be acting as the PRP Group's on-site representative and will have the Group's full authority to stop work and re-direct E<sup>2</sup> compliance with the approved Work Plan Addendum and HASP. Golder will also be responsible for updating and maintaining the container information provided in Table 1 as activities are performed. Deliverables and tracking documents will be provided to EPA through established PRP Group communications and/or reporting methods.

#### **PROJECT HEALTH AND SAFETY**

E<sup>2</sup> will conduct work under the Site HASP dated May 30, 2012 and will prepare a HASP specific to the sampling and materials handling activities of this project. This will include appropriate personal protective equipment (PPE) for the anticipated hazards. All site workers shall be trained to the appropriate level according to 29 CFR 1910.120 that prepares them for their job functions and responsibilities. At a minimum, the PPE should include Level D PPE protection (i.e., hardhat, safety glasses, steel toe shoes, earplugs, and long sleeve shirt/pants) and activities associated with waste handling and sampling will be performed using Level C PPE protection. E<sup>2</sup> and Golder will conduct air monitoring using a 4-gas meter (i.e., PID, O<sub>2</sub>, H<sub>2</sub>S, and CO<sub>2</sub>) as described in the Site HASP. Air monitoring using the 4-gas meter will be conducted in the work area and periodically at the fence line. E<sup>2</sup> on-site personnel will wear personal H<sub>2</sub>S monitoring/alarm devices as well.

It is anticipated that the work described in this Addendum will be completed in approximately three (3) months from the initiation of field activities. This schedule allows the work to be performed in a logical manner and provides opportunities for decision making based on the actual quantity and final characterization of each identified waste stream, when applicable.

## **SPILL CONTAINMENT PLAN**

This section addresses procedures used to prevent, contain, and clean up potential spills that could occur during the activities mentioned above. The greatest potential for spills to occur is during the transfer of free liquids or during solidification of liquids that were not able to be removed by vacuum truck.

During transfer of liquid wastes, the vacuum truck operator will monitor the transfer hose connections and fittings to ensure a spill does not occur. In the event a spill occurs during the transfer process, the operator will cease transfer operations immediately and notify Golder representatives to determine appropriate actions to contain and clean up the spill.

Plastic sheeting (including bermed edges) will be placed on the parking lot surface around roll-off boxes where and when solidification of free liquids not removed by vacuum truck is performed. This temporary spill containment is intended to prevent potential spills from contacting the ground surface. The operator of the equipment conducting the solidification will take care to prevent splashing during the solidification process. In the event a spill occurs, the operator will cease operations immediately and notify Golder representatives to determine appropriate actions to contain and clean up the spill.

Materials such as spill “socks” and inert absorbents will be located on-site for use in a spill event. Spill “socks” will be used to contain any spill from spreading, as applicable, and inert absorbents will be layered onto a spill to soak up any liquids prior to removal and disposal. Depending on the extent of a spill and the material spilled, further actions such as decontamination and verification that the spilled material has been adequately cleaned up may be conducted, as appropriate.

TABLE 1

Roll-off Box Tracking Database						
ID	Size (yd <sup>3</sup> )	EPA Identified Container Label	Vendor Label (if present)	On-Site Location	Golder Inspection	
					Date	Preliminary Assessment of Roll-off Box Contents
R0058	25	77045		PL	2/13/2014	1/4 full of brown/yellow liquid w/strong chemical smell and minor solids
R0073	25	RB-0625077	Tidal tank	PL	2/13/2014	1/4 full of sludge and impacted soil
R0078	25	77046		PL	2/13/2014	1/2 full of gray/black soil and liquid
R0101	25	77040		PL	2/13/2014	Full of solid waste - oil absorbents (pads/booms), ppe, corrugated plastic pipe, cardboard
R0130	25	1799	AWS	PL	2/13/2014	1/4 full of black soil/sludge, liquid, and PPE
R0133	25	2010	AWS	PL	2/13/2014	Full of solid waste: ppe, carboard, plastic bottles, soda cans, sampling jars, styrofoam
R0135	25	74625		PL	2/13/2014	Full of white/grey solid soil material, PPE, liquid
R0149	25	310-25-AW Systems (AWS)	AWS	PL	2/13/2014	Full of solid waste: boxes, food containers, platic, foil, ppe, styrofoam
R0150	25	77037-Dragon-No Vendor ID		PL	2/13/2014	Full of liquid with minor amount of soil/sludge
R0153	25	3263-L/25-103-AW Systems (AWS)	AWS	PL	2/13/2014	Full of solid waste: plastic garbage bags, 55-gal drums cut in 1/2; plastic chairs; rubber tarp, absorbants, wood scraps
R0155	25	2070-AW Systems (AWS)	AWS	PL	2/13/2014	Full of solid waste; plastic tarps, cardboard, ppe, metal containers/buckets, pallets
R0158	25	30002/RB-0625140-Tidal Tank	Tidal tank	PL	2/13/2014	Full of solid waste, oily sediment, paint buckets
R0160	25	38302-AW Systems (AWS)	AWS	PL	2/13/2014	Full of oily liquid with 1/2 sludge
R0161	25	32513/25-90-Advanced Waste Systems	AWS	PL	2/13/2014	Full of oily liquid with 1/4 sludge
R0162	25	3254E/57-25-AW Systems (AWS)	AWS	PL	2/13/2014	Full of oily liquid, black stained soil; miscellaneous solid waste
R0163	25	74527-No Vendor ID		PL	2/13/2014	Full of oily liquid and miscellaneous solid waste
R0165	25	1708-AW Systems (AWS)	AWS	PL	2/13/2014	1/4 full of black soil and solid waste
R0166	25	RB-0725095-Tidal Tank	Tidal tank	PL	2/13/2014	1/2 full of soil/sludge
R0169	25	74526-No Vendor ID		PL	2/13/2014	Full of soil
R0170	25	RB-002572-Tidal Tank	Tidal tank	PL	2/13/2014	Full of soil
R0171	25	25-95-Advanced Waste Systems	AWS	PL	2/13/2014	Full of solid waste (filters)
R0173	25	RB-0325162-No Vendor ID	Tidal tank	PL	2/13/2014	Full of dark brown/black soil mixed with sawdust, dark brown oily liquid
R0178	25	RB-032554-Tidal Tank	Tidal tank	PL	2/13/2014	Full of oil based sludge and soil
R0180	25	RB-0725035-Tidal Tank	Tidal tank	PL	2/13/2014	Over full of mixed with sawdust
R0183	25	RB-0325366-Tidal Tank	Tidal tank	PL	2/13/2014	Full of dark grey/brown liquid and sludge
R0184	25	2137-Advanced Waste Systems	AWS	PL	2/13/2014	1/4 full of soil and 1/2 full of solid waste (plastic bottles and aluminum cans)
R0185	25	RB-0625037-Tidal Tank	Tidal tank	PL	2/13/2014	Full of dark grey liquid with 1/4 soil
R0188	25	25-67-AW Systems (AWS)	AWS	PL	2/13/2014	Full of soil mixed with sawdust
R0191	25	RB0525122-Tidal Tank	AWS	PL	2/13/2014	1/2 full of soil/sludge
R0192	25	2066-Advanced Waste Systems	AWS	PL	2/13/2014	Full of solid waste: metal, cardboard, bottles, styrofoam, woodscraps
R0193	25	No Box ID-Dragon-Dynamic Systems	Dynamic	PL	2/13/2014	Full of sludge/liquid
R0204	25	No Box ID-Dragon-No Vendor ID	Tidal tank	PL	2/13/2014	Full of oil absorbents (pads/booms), ppe, black plastic, soil
Unknown	6	None	WM	MCC	8/15/2014	General Trash
Unknown	6 Dumpster	None	WM	MCC	8/15/2014	General Trash
Unknown	25	None		MCC	8/15/2014	General Trash
Unknown	Dumpster	None		MCC	8/15/2014	Empty

On-site Location abbreviations follow: PL (Parking Lot), MCC (MCC Property)

**APPENDIX C**  
**PHOTO LOG**





Photo 1: Sumter preparing temporary secondary containment structures in northern portion of USOR parking lot



Photo 2: Solids removal equipment in northern portion of USOR parking lot

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – November 2013



Photo 3: Solids removal equipment in temporary secondary containment structures



Photo 4: Sumter transferring cutter fluid from tanker truck into frac tank on Site

### Site Photographs

USOR Roll-off Box Removal  
 400 North Richey Street, Pasadena, Texas  
 August 2013 – November 2013





Photo 5: Sumter observing material in roll-off box prior to lifting



Photo 6: Sumter removing loose material from roll-off box via vacuum truck prior to transporting roll-off box to work zone

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015



Photo 7: Sumter removing loose material from roll-off box via vacuum truck prior to transporting roll-off box to work zone



Photo 8: Sumter transporting roll-off box to work zone

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015





Photo 9: Sumter setting roll-off box in temporary secondary containment structure for solids processing



Photo 10: Example of relatively wet solids inside roll-off box

### Site Photographs

USOR Roll-off Box Removal  
 400 North Richey Street, Pasadena, Texas  
 August 2013 – April 2015



Photo 11: Example of relatively dry solids inside roll-off box



Photo 12: Sumter inserting Twin Spin agitator into roll-off box to mix solids and cutter fluid

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015





Photo 13: Sumter mixing solids in roll-off box with Twin Spin agitator. Roll-off box is covered with plastic tarp.



Photo 14: Sumter mixing solids in roll-off box with Twin spin agitator. Sumter Robroller agitator truck is in background.

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015



Photo 15: Sumter pumping slurried solids and cutter fluid from roll-off box into agitated tanker truck.



Photo 16: Twin Spin agitator and transfer pump inside emptied roll-off box

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015





Photo 17: Example of relatively dry solids in roll-off box after Sumter attempted to mix cutter and solids with Twin Spin mixing agitator



Photo 18: Sumter 40-yard mixing box mobilized to Site on September 22, 2013

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015



Photo 19: Built-in agitators inside Sumter 40-yard mixing box for mixing roll-off box solids with cutter fluid



Photo 20: Sumter track-mounted excavator in northern portion of USOR parking lot

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015





Photo 21: Sumter track-mounted excavator removing solids from roll-off box in northern portion of USOR parking lot



Photo 22: Sumter track-mounted excavator transferring roll-off box solids into 40-yard mixing box in temporary secondary containment structure

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015



Photo 23: Consolidation of solid waste (trash and misc. debris).



Photo 24: Consolidation of solid waste (trash and misc. debris).

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015





Photo 25: View of typical roll-off box containing sludge waste before solidification.



Photo 26: View of typical roll-off box containing sludge waste before water removal and solidification.

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015



Photo 27: View of plastic sheeting used for secondary containment during sludge solidification activities.



Photo 28: View of plastic sheeting used for secondary containment during sludge solidification activities.

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015





Photo 29: View of plastic sheeting used for secondary containment during sludge solidification activities.



Photo 30: Sludge waste in the process of solidification.

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015



Photo 31: Solidified sludge waste.



Photo 32: Solidified sludge waste.

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015





Photo 33: Solidified sludge waste.



Photo 34: Secondary containment of roll-off staging area.

### **Site Photographs**

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015



Photo 35: Secondary containment of roll-off staging area.



Photo 36: Sumter placing emptied roll-off box into Truck Bay 48 for pressure washing

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015



Photo 37: Sumter pressure washing inside of roll-off box in Truck Bay 48



Photo 38: Empty roll-off box after waste has been removed (prior to final washing).

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015





Photo 39: Interior of roll-off box after final washing.



Photo 40: View of staged equipment prior to the start of frac tank waste removal and decontamination.

### Site Photographs

USOR Roll-off Box Removal  
 400 North Richey Street, Pasadena, Texas  
 August 2013 – April 2015



Photo 41: Interior of frac tank during waste removal and decontamination activities.

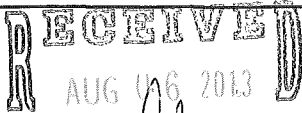


Photo 42: Interior of frac tank during final decontamination activities.

### Site Photographs

USOR Roll-off Box Removal  
400 North Richey Street, Pasadena, Texas  
August 2013 – April 2015

**APPENDIX D**  
**ROLL-OFF BOX LIQUIDS MANIFESTS**



**Shipping Manifest  
Intergulf Corporation**

73399

BY: [Signature]  
Telephone: (281) 474-4210

P.O. Box 1590 • La Porte, Texas 77572

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171  
Facility Address: 400 N RICHEY, PASADENA, TX 77506  
Emergency Contact: Justin Phone #: (281) 513-0996  
Material Classification (per Material Characterization Form): \_\_\_\_\_  
or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (281) 513-0996

Quantity in Gallons: 5460<sup>2</sup>

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: [Signature] Title: ASSOCIATE  
(Generators Representatives) Date: 8/5/13  
ENVIRON INTERNATIONAL CORPORATION  
SIGNATORY AGENT ON BEHALF OF THE U.S.  
OIL RECOVERY SITE PRP GROUP

**TRANSPORTER:**

Company Name: EFFECTIVE ENVIRONMENTAL INC Truck #: 2425 TS  
Phone #: 713-672-6100 State I.D. #: TX - 82158/AR/H-1364  
EPA I.D. #: TX R000051580 DOT #: 1135032  
Drivers Name: ASH SHEN  
Signature: [Signature] Date: 8/5/13

**RECEIVING FACILITY:**

Name: Intergulf Corporation  
Address: 10020 Bayport Blvd.  
Pasadena, TX 77507  
(281) 474-4210

EPA ID # TXR000031286  
TCEQ # A85860 - Used Oil or  
TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # \_\_\_\_\_

Facility Operators Name: Trudy Maggard  
Signature: [Signature] Date: 8-6-13

Shipping Manifest  
Intergulf Corporation

73398

P.O. Box 1590 • La Porte, Texas 77572

RECEIVED  
AUG 06 2013

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:**

(\*All Generator Information Must Be Complete) BY: Justin

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: Justin Phone #: (281) 513-0986

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (281) 513-0986

Quantity in Gallons: 5,400

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: Justin Rung

Title: ASSOCIATE

Date: 08/06/13

(Generators Representatives)  
ENVIRON INTERNATIONAL CORPORATION  
SIGNATORY AGENT ON BEHALF OF U.S. OIL  
RECOVERY GROUP SITE PRP GROUP

**TRANSPORTER:**

Company Name: Effective Environmental Inc

Phone #: 713-672-6100 Truck #: 2425/T+5

EPA I.D. #: TXR000051508 State I.D. #: TX-87158/AR-H-1361

Drivers Name: Asa Shrewsbury DOT #: 1135032

Signature: Asa Shrewsbury Date: 8/6/13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # \_\_\_\_\_

Facility Operators Name: Trudy Maggard

Signature: Trudy Maggard Date: 8-6-13



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Shipping Manifest  
Intergulf Corporation

73396

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226

BY: .....

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: Justin Phone #: (281) 513-0996

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (281) 513-0996

Quantity in Gallons: 5,400

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: [Signature]

Title: ASSOCIATE

Date: 08/07/13

(Generators Representative)

ENVIRON INTERNATIONAL CORPORATION  
SIGNATORY AGENT ON BEHALF OF THE US OIL  
RECOVERY SITE PRP GROUP

**TRANSPORTER:**

Company Name: Effective Environmental INC

Phone #: 713-672-6100 Truck #: 2425/TA5

EPA I.D. #: TXR 0000 51508 State I.D. #: TX-87158/AR-H-1361

Drivers Name: Asa Sheggsbury DOT #: 1135032

Signature: [Signature] Date: 8/7/13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

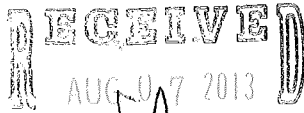
TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # \_\_\_\_\_

Facility Operators Name: Trudy Maggard

Signature: [Signature] Date: 8.8.13



**Shipping Manifest**  
**Intergulf Corporation**  
P.O. Box 1590 • La Porte, Texas 77572

73397

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171  
Facility Address: 400 N RICHEY, PASADENA, TX 77506  
Emergency Contact: Justin Phone #: (281) 513-0996  
Material Classification (per Material Characterization Form): \_\_\_\_\_  
or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (281) 513-0996

Quantity in Gallons: 5,400

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: Jonathan Puyk Title: ASSOCIATE  
(Generators Representative)  
Date: 8/7/13  
ENVIRON INTERNATIONAL CORPORATION  
SIGNATORY AGENT ON BEHALF OF THE U.S. OIL  
RECOVERY SITE PRP GROUP

**TRANSPORTER:**

Company Name: Effective Environmental Inc  
Phone #: 713-672-6100 Truck #: 2425/T-5  
EPA I.D. #: TXR 000051508 State I.D. #: TX-87158/AR-H-1361  
Drivers Name: Asa Shrewsbury DOT #: 1135032  
Signature: Asa Shrewsbury Date: 8/7/13

**RECEIVING FACILITY:**

Name: Intergulf Corporation  
Address: 10020 Bayport Blvd.  
Pasadena, TX 77507  
(281) 474-4210

EPA ID # TXR000031286  
TCEQ # A85860 - Used Oil or  
TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # \_\_\_\_\_

Facility Operators Name: Rehso Gove

Signature: W. Gove Date: 8/7/13

BY: VV.....

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: Justin Phone #: (281) 513-0996

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oily Water for Recycle

**Emergency Contact** (281) 513-0996

Quantity in Gallons: 5,400

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: AR B

Title: ENVIRONMENTAL CONSULTANT

Date: 8/8/2013

ENVIRON <sup>(Generators Representatives)</sup> INTERNATIONAL CORP  
SIGNATORY AGENT ON BEHALF OF  
US OIL RECOVERY PRP GROUP

**TRANSPORTER:**

Company Name: Effective Environmental Inc

Phone #: 713-672-6100 Truck #: 242517-5

EPA I.D. #: TXR 000051508 State I.D. #: TX-87158/AR-H-1361

Drivers Name: Asa Shreassbury DOT #: 1135032

Signature: [Signature] Date: 8/8/13

Date: 8/8/13

## RECEIVING FACILITY:

**Name:** Intergulf Corporation

**Address:** 10020 Bayport Blvd.

**Pasadena, TX 77507**

**(281) 474-4210**

**EPA ID # TXR000031286**

**TCEQ # A85860 – Used Oil or**

**TCEQ # 39068 – Solid Waste**

**Intergulf Corporation Job #** \_\_\_\_\_

Facility Operators Name: Trudy Maggard

Signature: Mindy Maggiani Date: 8-8-13

**Shipping Manifest**  
**Intergulf Corporation**

77206

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: Justin Phone #: (281) 513-0996

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (281) 513-0996

Quantity in Gallons: 4,700 ~~5,460~~ ~~4,932.9~~ 4,436

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: X [Signature]

(Generators Representatives)

ENVIRON INTERNATIONAL CORP  
SIGNATORY AGENT ON BEHALF OF  
US OIL RECOVERY PMA GROUP

Title: X ENVIRONMENTAL CONSULTANT

Date: X 8/8/2013

**TRANSPORTER:**

Company Name: Intergulf Corporation

Phone #: (281) 474-4210 Truck #: -832 / 158

EPA I.D. #: TXR000031286 State I.D. #: 39068

Drivers Name: Raymond Roberts DOT #: 0052090580

Signature: [Signature] Date: 8.8.13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 – Used Oil or

TCEQ # 39068 – Solid Waste

Intergulf Corporation Job # 136425

Facility Operators Name: James Wilkerson

Signature: [Signature] Date: 8-8-13

**Shipping Manifest  
Intergulf Corporation**

77207

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: EJ Phone #: (713) 560-4338

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (713) 560-4338

Quantity in Gallons: 4,700 5,460 22 4038

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: X Hank Brun

(Generators Representatives)

ENVIRON INTERNATIONAL  
SIGNATORY AGENT ON BEHALF OF  
US OIL RECOVERY PRP GROUP

Title: X ENVIRONMENTAL CONSULTANT

Date: X 8/8/13

**TRANSPORTER:**

Company Name: Intergulf Corporation

Phone #: (281) 474-4210 Truck #: -832 / 158

EPA I.D. #: TXR000031286 State I.D. #: 39068

Drivers Name: Raymond Roberts DOT #: 0052090580

Signature: [Signature] Date: 8-8-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # 136376

Facility Operators Name: Trudy Maggard

Signature: [Signature] Date: 8-8-13

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Shipping Manifest  
Intergulf Corporation

73393

P.O. Box 1590 • La Porte, Texas 77572

BY: [Signature]  
Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171  
Facility Address: 400 N RICHEY, PASADENA, TX 77506  
Emergency Contact: Justin Phone #: (281) 513-0996  
Material Classification (per Material Characterization Form): \_\_\_\_\_  
or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (281) 513-0996

Quantity in Gallons: 5,400

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: [Signature]  
(Generators Representatives)  
ENVIRON INTERNATIONAL CORP  
SIGNATORY AGENT ON BEHALF OF  
US OIL RECOVERY PRP GROUP

Title: ENVIRONMENTAL CONSULTANT  
Date: 8/9/2013

**TRANSPORTER:**

Company Name: Effective Environmental Inc  
Phone #: 713-672-6100 Truck #: 2425/T-5  
EPA I.D. #: TXR 000051508 State I.D. #: TX-87158/AR-H-1361  
Drivers Name: Aso Shiversburg DOT #: 1135032  
Signature: [Signature] Date: 8/9/13

**RECEIVING FACILITY:**

Name: Intergulf Corporation  
Address: 10020 Bayport Blvd.  
Pasadena, TX 77507  
(281) 474-4210

EPA ID # TXR000031286  
TCEQ # A85860 - Used Oil or  
TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # \_\_\_\_\_

Facility Operators Name: Trudy Maggard  
Signature: [Signature] Date: 8-9-13

**Shipping Manifest**  
**Intergulf Corporation**  
P.O. Box 1590 • La Porte, Texas 77572

77319

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: EJ Phone #: (713) 560-4338

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (713) 560-4338

Quantity in Gallons: 5,000

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: \_\_\_\_\_

(Generators Representatives)

*FEW IRON INTERNATIONAL CORP.  
SIGNATORY AGENT ON BEHALF OF  
US OIL RECOVERY PRG GROUP*

Title: \_\_\_\_\_

Date: \_\_\_\_\_

*Environmental Consultant  
8-9-13*

**TRANSPORTER:**

Company Name: Intergulf Corporation

Phone #: (281) 474-4210 Truck #: -863 / 148

EPA I.D. #: TXR000031286 State I.D. #: 39068

Drivers Name: James Mason DOT #: 0052090580

Signature: \_\_\_\_\_ Date: 8-9-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.  
Pasadena, TX 77507  
(281) 474-4210

EPA ID # TXR000031286  
TCEQ # A85860 – Used Oil or  
TCEQ # 39068 – Solid Waste

Intergulf Corporation Job # 136529

Facility Operators Name: Judy Maggard

Signature: Judy Maggard Date: 8-9-13

**Shipping Manifest  
Intergulf Corporation**

77323

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: EJ Phone #: (713) 560-4338

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (713) 560-4338

Quantity in Gallons: 1000 & 227 &

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: [Signature]

Title: ENVIRONMENTAL CONSULTANT

Date: 8/9/2013

(Generators Representatives)

ENVIRON INTERNATIONAL CORP  
SIGNATORY AGENT ON BEHALF OF  
US OIL RECOVERY PRO GROUP

**TRANSPORTER:**

Company Name: Intergulf Corporation

Phone #: (281) 474-4210 Truck #: -808 / 144

EPA I.D. #: TXR000031286 State I.D. #: 39068

Drivers Name: Stephen Kent DOT #: 0052090586

Signature: [Signature] Date: 8-9-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # 136551

Facility Operators Name: James W. Harrison

Signature: [Signature] Date: 8-9-13



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Shipping Manifest  
Intergulf Corporation.....BY:

77234

Telephone: (281) 474-4210

P.O. Box 1590 • La Porte, Texas 77572

Fax: (281) 474-4226

BY: .....

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AUG 5 2013

**GENERATOR:**

(\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: Justin Phone #: (281) 513-0996

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (281) 513-0996

Quantity in Gallons: 5460

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: Jonathan Puyt

Title: ASSOCIATE

Date: 08-14-13

(Generators Representatives)  
ENVIRON INTL. CORP.  
SIGNATORY AGENT ON BEHALF OF THE U.S. OIL  
RECOVERY SITE PRP GROUP

**TRANSPORTER:**

Company Name: EFFECTIVE ENVIRONMENTAL INC.

Phone #: (972) 329-1206

Truck #: 24261 TIR # T-5

EPA I.D. #: TXR000051508

State I.D. #: TX-87158/AR-H-1361

Drivers Name: DAVID CHAPMAN

DOT #: TX 1135032

Signature: David Chapman

Date: 8-14-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # \_\_\_\_\_

Facility Operators Name: Trudy Maggard

Signature: Trudy Maggard Date: 8.15.13

**Shipping Manifest  
Intergulf Corporation**

77379

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171  
Facility Address: 400 N RICHEY, PASADENA, TX 77506  
Emergency Contact: EJ Phone #: (713) 560-4338  
Material Classification (per Material Characterization Form): \_\_\_\_\_  
or proper shipping name (per 49 CFR 172) Oily Water for Recycle

LOAD #1 50" Emergency Contact (713) 560-4338  
Quantity in Gallons: 5,550

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: X Jonathan Pennington Title: X ASSOCIATE  
(Generators Representatives)  
ENVIRON INTERNATIONAL CORPORATION  
SIGNATORY AGENT ON BEHALF OF THE U.S. OIL  
RECOVERY SITE PRP GROUP  
Date: 8-14-13

**TRANSPORTER:**

Company Name: Intergulf Corporation  
Phone #: (281) 474-4210 Truck #: 867 / 876  
EPA I.D. #: TXR000031286 State I.D. #: 39068  
Drivers Name: Billy Stelzer DOT #: 0052090580  
Signature: Billy Stelzer Date: 8-14-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation  
Address: 10020 Bayport Blvd.  
Pasadena, TX 77507  
(281) 474-4210

EPA ID # TXR000031286  
TCEQ # A85860 - Used Oil or  
TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # 136629

Facility Operators Name: Trudy Maggard  
Signature: Trudy Maggard Date: 8-14-13

**Shipping Manifest  
Intergulf Corporation**

77378

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 95171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: EJ Phone #: (713) 560-4338

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (713) 560-4338

Quantity in Gallons: 5 1/2 inch 5,550

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: Jonathan Perry  
(Generators Representative)

Title: ASSOCIATE

Date: 08/14/13

ENVIRON INTERNATIONAL CORPORATION  
SIGNATORY AGENT ON BEHALF OF THE U.S. OIL  
RECOVERY SITE PRP GROUP

**TRANSPORTER:**

Company Name: Intergulf Corporation

Phone #: (281) 474-4210 Truck #: 835 / 1327

EPA I.D. #: TXR000031286 State I.D. #: 39068

Drivers Name: Darrell Simien DOT #: 0052090580

Signature: Paul L Date: 8-14-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # 136631

Facility Operators Name: Tracy Maggard

Signature: Tracy Maggard Date: 8.14.13

Shipping Manifest  
Intergulf Corporation

73391

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226



**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: Justin Phone #: (281) 513-0996

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oily Water for Recycle

Emergency Contact (281) 513-0996

Quantity in Gallons: 5460

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: Jonathan Penz  
(Generators Representatives)  
ENVIRON INTERNATIONAL CORPORATION  
SIGNATORY AGENT ON BEHALF OF THE U.S. OIL  
RECOVERY SITE PRP GROUP

Title: ASSOCIATE

Date: 08-15-13

**TRANSPORTER:**

Company Name: EFFECTIVE ENVIRONMENTAL INC

Phone #: (972) 329-1200 Truck #: 24261 T-5

EPA I.D. #: TXR000051508 State I.D. #: TX-87158/AR-H-1361

Drivers Name: DAVID CHAPMAN DOT #: TX 1135032

Signature: David Chapman Date: 8-15-13 8-15-13 jp

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # \_\_\_\_\_

Facility Operators Name: DAVID CHAPMAN

Signature: [Signature] Date: 8-15-13

Project #

EE-2169 85080

Order #: 118673

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002668220 GBF</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery (P) Group Golden Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 512-871-3434 ATHE Scott Outwater</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St Pasadena, TX 77508</b>					
6. Transporter 1 Company Name <b>Effective Environmental, Inc.</b>						PMT: 113-8/2-8100 State ID#: TX-87153/AR-H1361		U.S. EPA ID Number <b>TXR000051506</b>			
7. Transporter 2 Company Name								U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Sembree Environmental Landfill 10310 FM 523 P.O. Box 567 Houston, TX 77515 Facility's Phone: 078-804-4442</b>						State ID#: H1530		U.S. EPA ID Number			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))					10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
1	1. Non-regulated material (rinsewater)					001 TT		EST. 5,000	G	CESQ1011 Non-RCRA	
2											
3											
4											
14. Special Handling Instructions and Additional Information 01. Consolidated liquid material from various roll-off boxes. (PF-SRL 15-01) <b>EMERGENCY RESPONSE PHONE: 214-646-1600 ON CALL SUPERVISOR</b> <b>Truck # 2169 Trailer # VT-145</b> I hereby certify that the above described materials are not hazardous materials as defined by 40 CFR 151.101 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations. (40 CFR 173.17(a)(1))											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Officer's Printed/Typed Name <b>Scott Outwater</b>						Signature <b>Scott Outwater</b>		Month Day Year <b>01/19/15</b>			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Jermy Justice</b> Signature <b>Jermy Justice</b> Month Day Year <b>01/19/15</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____											
18. Discrepancy 18a. Discrepancy Indication Spec <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number _____ 18b. Alternate Facility (or Generator) _____ Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H112 2. 3. 4.											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Veronica Samz</b> Signature <b>Veronica Samz</b> Month Day Year <b>01/19/15</b>											

Projects # 0-0

Please print or type. Form designed for use on elite (12-pitch) typewriter.)

Order # 118673

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of 1	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002668221 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc. 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>			Generator's Site Address (if different than mailing address) <b>400 N. Richey St. Pasadena, TX 77506</b>			
6. Transporter 1 Company Name <b>Effective Environmental, Inc.</b>			Phone: <b>713-672-6100</b> State ID: <b>TX-2/15/MAR-441361</b>		U.S. EPA ID Number <b>TXR000051508</b>	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Crosby, TX 77505</b>			State ID: <b>441539</b>		U.S. EPA ID Number	
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
1.	<b>Non-regulated material (rinsewater)</b>	<b>001</b> TT	<b>EST. 5000</b>	<b>3</b>	<b>CESQ1011 Non-RCRA</b>	
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information <b>01 Consolidated liquid material from various roll-off boxes (PF-SRI-15.0) NO</b> <b>TRUCK #216A Trailer #VT-145</b> <b>EMERGENCY RESPONSE PHONE: 214-636-1600</b> <b>ON CALL SUPERVISOR</b> I hereby certify that the above described materials are properly labeled, packaged, or defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>X Scott Outwater</b>		Signature <b>[Signature]</b>		Month Day Year <b>01/19/15</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Jerry Turley</b>		Signature <b>[Signature]</b>		Month Day Year <b>01/19/15</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: U.S. EPA ID Number						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>01: H132</b>		2.		3.		
4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name Signature Month Day Year <b>[Signature]</b> <b>01/19/15</b>						



Projects #: 0-0

Please print only. (Form designed for use on site (12-pitch) typewriter.)

Order #: 118679

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002668230 GBF</b>				
5. Generator's Name and Mailing Address <b>US Oil Recovery PPA Group</b> <b>Golden Associates, Inc.</b> 500 Century Plaza Drive, Suite 180 <b>Houston, TX 77073</b> Generator's Phone: <b>512-611-3434</b> <b>ATTN: Scott Outwater</b>												
Generator's Site Address (if different than mailing address) <b>400 N. Richey St.</b> <b>Pasadena, TX 77506</b>												
6. Transporter 1 Company Name <b>Effective Environmental, Inc.</b> <b>Pho: (713) 472-6100</b> <b>State ID: TX-S/158/AR-41261</b>					U.S. EPA ID Number <b>TXR000051508</b>							
7. Transporter 2 Company Name					U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10010 FM 523</b> <b>P.O. Box 587</b> <b>Aurora, TX 77011</b> Facility's Phone: <b>979-884-4443</b> <b>State ID: H1539</b>					U.S. EPA ID Number							
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
1		Non-regulated material (municipal)			001 TT		5,000		G		CESQ1011 Non-RCRA	
2												
3												
4												
14. Special Handling Instructions and Additional Information 01 - Consolidated liquid material from various roll-off boxes (PF SRI-150) * <b>EMERGENCY RESPONSE PHONE: 714-635-1600</b> <b>ON CALL SUPERVISOR</b> <b>Truck # 2149 Trailer # VT-145</b> I hereby certify that the above described material is not a hazardous waste as defined by 40 CFR 302.41 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation in conformity with the applicable regulations of the Department of Transportation.												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offeror's Printed/Typed Name <b>X Scott Outwater</b> Signature <b>X Scott Outwater</b> Month Day Year <b>11 20 15</b> <b>Recovery Site PPA Group</b>												
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Transporter signature (for exports only): Port of entry/exit: Date leaving U.S.:												
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Jerry Justice</b> Signature <b>Jerry Justice</b> Month Day Year <b>01 20 15</b> Transporter 2 Printed/Typed Name Signature Month Day Year												
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year												
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H132 2. 3. 4.												
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name <b>Veronica Saenz</b> Signature <b>Veronica Saenz</b> Month Day Year <b>11 20 15</b>												

Projects #: 8155-3

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

EFFECTIVE

1500941173

Order #: 120782

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of 1	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002720256 GBF</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 612-671-3434 ATTN: Scott Outwater</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>				
6. Transporter 1 Company Name <b>Effective Environmental, Inc.</b>				Ph#: 713-672-6100 State ID#: TX-87158/AR-H-1361		U.S. EPA ID Number <b>TXD980811046</b>		
7. Transporter 2 Company Name <b>Clean Harbors</b>						U.S. EPA ID Number <b>MA0039322250</b>		
8. Designated Facility Name and Site Address <b>Clean Harbors Deer Park, L.P. 2027 Independence Pkwy South LaPorte, TX 77571 Facility's Phone: 281-930-2300</b>				State ID#: 50089		U.S. EPA ID Number <b>TXD055141378</b>		
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
			No. Type					
	1.	<input checked="" type="checkbox"/> RQ, UN3243, Waste Solids containing toxic liquid, n.o.s. (absorbents & debris, trace mercury), 6.1, PG II, ERG 151	1	DF	30	G	CESQ310H D007 D009	
	2.	<input checked="" type="checkbox"/> RQ, NA3082, Hazardous waste, liquid, n.o.s. (oily water contaminated with mercury), 9, PG III, ERG 171	1	DF	5	G		
	3.							
4.								
14. Special Handling Instructions and Additional Information 01: Absorbents, PPE with LNAPL (PF:CH948430) 02: Roll-off box R-0097 - LNAPL (PF:CH921894) <div style="text-align: right;">* EMERGENCY RESPONSE PHONE: 214-635-1500 * * ON CALL SUPERVISOR *</div>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name <b>Scott Outwater</b>				Signature <b>Scott Outwater</b> at U.S. Oil Recovery Site Month Day Year <b>3 12 15</b>				
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Wade Steinfeld</b> Signature <b>Wade Steinfeld</b> Month Day Year <b>3 12 15</b> Transporter 2 Printed/Typed Name <b>J. Hobbs</b> Signature <b>J. Hobbs</b> Month Day Year <b>03 18 15</b>							
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number:							
	18b. Alternate Facility (or Generator) U.S. EPA ID Number							
	Facility's Phone:							
	18c. Signature of Alternate Facility (or Generator) Month Day Year							
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. 01: H040 2. 02: H040 3. 4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Kim Bravener</b> Signature <b>Kim Bravener</b> Month Day Year <b>03 27 15</b>								

**APPENDIX E**  
**CUTTER STOCK MSDS AND SHIPPING MANIFESTS**

# MATERIAL SAFETY DATA SHEET

## 1. COMPANY IDENTIFICATION & CHEMICAL PRODUCT

BODIN OIL RECOVERY, INC.  
18101 W LA HWY 330  
ABBEVILLE, LA 70510

INFORMATION: (337) 893-3972

**PRODUCT NAME: PROCESSED USED OIL FUEL**

**LAST REVISION: 11/05/07**

**DATE PREPARED: 10/14/04**

**SYNONYMS:**

**CUTTERSTOCK, NO. 4 OIL, NO. 5 OIL, FUEL OIL USED**

**PRODUCT DESCRIPTION:**

DISTILLATES (PETROLEUM), HEAVY CATALYTIC-CRACKED, A COMBINATION OF HYDROCARBONS PRODUCED BY THE DISTILLATION OF PRODUCTS FROM THE CATALYTIC CRACKING PROCESS.

**FORMULA:** AROMATIC HYDROCARBONS HAVING CARBON NUMBERS PREDOMINATELY IN THE RANGE OF C15 TO C35. THIS STREAM IS LIKELY TO CONTAIN 5% BY WT. OR MORE OF 4 TO 6 MEMBER CONDENSED RING AROMATIC HYDROCARBONS.

## 2. COMPOSITION & INFORMATION ON INGREDIENTS

PRODUCT	CAS No.	WT%	OCCUPATIONAL EXPOSURE LIMITS*			UNITS
			OSHA	ACGIH	OTHER	
			PEL	TLV		
PROCESSED USED OIL FUEL	64741-61-3	100	N/A	N/A	N/A	

### COMPONENT (S)

KEY:           \*       = 8-Hr. TWA UNLESS OTHERWISE SPECIFIED.  
              \*\*       = BENZENE SOLUBLES.  
             \*\*\*       = CYCLOHEXANE EXTRACTABLES.  
             N/A       = NOT AVAILABLE.

## 3. HAZARD IDENTIFICATION

NOTE: THIS PRODUCT HAS NOT BEEN TESTED BY BODIN OIL RECOVERY, INC. TO DETERMINE ITS SPECIFIC HEALTH HAZARDS. THEREFORE, THE INFORMATION PROVIDED IN THIS SECTION INCLUDES HEALTH HAZARD INFORMATION ON THE PRODUCT COMPONENTS.

**CARCINOGENICITY:**

**NTP**  
No

**IARC MONOGRAPHS**  
No

**OSHA REGULATED**  
No

## POTENTIAL HEALTH EFFECTS FROM OVEREXPOSURE

### *ACUTE EFFECTS:*

EYES:	SLIGHTLY IRRITATING, HEATED PRODUCT MAY CAUSE THERMAL BURNS.
SKINS:	MAY CAUSE ALLERGIC REACTION IN SOME INDIVIDUALS. CONTACT WITH HEATED PRODUCT MAY CAUSE THERMAL BURNS.
INHALATION:	MAY BE IRRITATING TO RESPIRATORY TRACT. EXPOSURE TO HIGH CONCENTRATIONS OF DENSE OIL MIST MAY LEAD TO OIL ASPIRATED PNEUMONIA.
INGESTION:	CAN BE IRRITATING TO THE MOUTH, THROAT AND DIGESTIVE TRACT. ASPIRATION INTO THE LUNGS THROUGH VOMITING MAY CAUSE HEMORRHAGING, PULMONARY EDEMA AND CHEMICAL PNEUMONITIS.

### *CHRONIC EFFECTS:*

PROLONGED AND REPEATED SKIN CONTACT MAY CAUSE DERMATITIS.

### *ADDITIONAL MEDICAL AND TOXICOLOGICAL INFORMATION:*

PRODUCTS OF SIMILAR COMPOSITION HAVE BEEN POSITIVE IN MUTAGENIC TESTS AND PRODUCED SKIN CANCER IN LABORATORY ANIMALS. CONCAWE HAS ALSO NOTED THAT PROLONGED OR REPEATED INHALATION OF SIGNIFICANT CONCENTRATIONS OF MISTS OF AROMATIC PROCESS OILS MAY LEAD POSSIBLY TO CANCER OF THE RESPIRATORY TRACT AND POSSIBLY TO CANCER OF THE UPPER GASTROINTESTINAL TRACT.

## 4. FIRST AID MEASURES

EYE CONTACT:	FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.
SKIN CONTACT:	COOL THE EXPOSED AREA IMMEDIATELY. REMOVE CONTAMINATED CLOTHING. IMMEDIATELY WASH AFFECTED AREAS WITH SOAP AND WATER. SEEK IMMEDIATE MEDICAL ATTENTION.
INHALATION:	REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.
INGESTION:	DO NOT INDUCE VOMITING. IF SPONTANEOUS VOMITING OCCURS HOLD THE VICTIMS HEAD LOWER THAN THEIR HIPS TO PREVENT ASPIRATION.

## **5. FIRE FIGHTING MEASURES**

FLASH POINT: >250°F

FLAMMABLE LIMITS IN AIR, % BY VOLUME:

LOWER: N/A

UPPER: N/A

AUTOIGNITION TEMPERATURE: NONE DETERMINED

EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.

NFPA RATINGS: NA

### **GENERAL HAZARD:**

FLOWING OIL CAN BE IGNITED BY SELF-GENERATED STATIC ELECTRICITY; CONTAINERS SHOULD BE GROUNDED AND BONDED. CHECK FOR COMBUSTIBLE VAPORS PRIOR TO AND DURING WELDING OR TORCH CUTTING ON VESSELS OR TANKS.

### **FIRE FIGHTING INSTRUCTIONS:**

USE A SMOTHERING TECHNIQUE FOR EXTINGUISHING FIRE OF THIS COMBUSTIBLE LIQUID. DO NOT USE A FORCED WATER STREAM DIRECTLY ON OIL FIRES AS THIS WILL SCATTER THIS FIRE. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

## **6. ACCIDENTAL RELEASE**

REMOVE SOURCES OF HEAT OR IGNITION INCLUDING INTERNAL COMBUSTION ENGINES AND POWER TOOLS. CLEAN UP SPILL, BUT DO NOT FLUSH TO SEWER OR SURFACE WATER. VENTILATE AREA. USE APPROVED RESPIRATOR WHERE OCCUPATIONAL EXPOSURE LIMITS MAY BE EXCEEDED.

## **7. HANDLING & STORAGE**

STORE IN TIGHTLY CLOSED CONTAINERS IN A DRY COOL PLACE, AWAY FROM SOURCES OF HEAT OR IGNITION. GROUND AND BOND ALL TRANSFER AND STORAGE EQUIPMENT TO PREVENT STATIC SPARKS AND EQUIP WITH SELF-CLOSING VALVES, PRESSURE VACUUM BUNGS AND FLAME ARRESTORS. EMPTY CONTAINERS MAY CONTAIN RESIDUE (LIQUID/VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.



## 8. EXPOSURE CONTROL, PERSONAL PROTECTION

EYE PROTECTION:	REMOVE CONTACT LENSES AND WEAR CHEMICAL SAFETY GLASSES OR GOGGLES WHERE CONTACT WITH LIQUID OR MIST MAY OCCUR.
SKIN PROTECTION:	WEAR IMPERVIOUS GLOVES WHEN CONTACT WITH SKIN MAY OCCUR. WHEN SKIN CONTACT WITH HEATED PRODUCT IS POSSIBLE, WEAR IMPERVIOUS APRON, LONG SLEEVES, BOOTS AND FACE SHIELD.
INHALATION:	USE APPROVED RESPIRATORY PROTECTIVE EQUIPMENT FOR CLEANING LARGE SPILLS OR ENTRY INTO LARGE TANKS, VESSELS OR OTHER CONFINED SPACES OR IN SITUATIONS WHERE AIRBORNE CONCENTRATIONS MAY EXCEED OCCUPATIONAL EXPOSURE LEVELS.
VENTILATION:	PROVIDE ADEQUATE GENERAL AND LOCAL VENTILATION: (1) TO MAINTAIN AIRBORNE CHEMICAL CONCENTRATIONS BELOW APPLICABLE EXPOSURE LIMITS, (2) TO PREVENT ACCUMULATION OF FLAMMABLE VAPORS AND FORMATION OF EXPLOSIVE ATMOSPHERES, AND (3) TO PREVENT FORMATION OF OXYGEN DEFICIENT ATMOSPHERES, ESPECIALLY IN CONFINED SPACES. [NOTE: THIS PRODUCT MAY RELEASE GASES OR VAPORS THAT CAN DISPLACE OXYGEN IN ENCLOSED AREAS.]

## 9. PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT @ 760 MMHG: >500EF	MELTING POINT: N/A
VAPOR PRESSURE MMHG @ 100°F: NEGLIGIBLE	VAPOR DENSITY (AIR=1) :>1
% SOLUBILITY IN H2O: NEGLIGIBLE	pH: N/A
SPECIFIC GRAVITY 60/60F: 0.90-1.2	EVAPORATION RATE
% VOLATILE BY VOLUME: N/A	(BUTYL ACETATE=1) : SLOWER
VISCOSITY (METHOD, TEMP.):~8.8 @ 100EF	ODOR: PETROLEUM ODOR
APPEARANCE: BROWN LIQUID.	

## 10. STABILITY & REACTIVITY

**STABILITY:** STABLE UNDER NORMAL CONDITIONS OF USE.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

**CONDITIONS TO AVOID/INCOMPATIBILITIES:** STRONG OXIDIZING AGENTS, HEAT, SPARKS, FLAME, BUILD-UP OF STATIC ELECTRICITY, HALOGENS, STRONG ACIDS AND ALKALIS.

**HAZARDOUS DECOMPOSITION PRODUCTS:** CARBON MONOXIDE, CARBON DIOXIDE, SULFUR DIOXIDE AND REACTIVE HYDROCARBONS.

## 11. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE.

## 12. ECOLOGICAL INFORMATION

NO DATA AVAILABLE.

## 13. DISPOSAL INFORMATION

DISPOSE THROUGH A LICENSED WASTE DISPOSAL COMPANY. FOLLOW APPLICABLE FEDERAL, STATE AND LOCAL DISPOSAL REGULATIONS.

## 14. TRANSPORT INFORMATION

NO DATA AVAILABLE.

## 15. REGULATORY INFORMATION

EPA SARA TITLE III

EPA SARA TITLE III

### ***SECTION 302 EPCRA EXTREMELY HAZARDOUS SUBSTANCES (EHS)***

PRODUCT COMPONENT	CAS No.	WT%	RQ, LB	TPQ, 1B
NONE				

### ***SECTION 304 CERCLA HAZARDOUS SUBSTANCES***

PRODUCT COMPONENT	CAS No.	WT%	RQ, 1B
NONE			

### ***SECTION 311/312 HAZARD CATEGORIZATION***

ACUTE:	CHRONIC:	FIRE:	PRESSURE:	REACTIVE:
X	X	X		

### ***SECTION 313 EPCRA TOXIC SUBSTANCES***

PRODUCT COMPONENT	CAS No.	WT%
NONE		

KEY: RQ = REPORTABLE QUANTITY  
TPQ = THRESHOLD PLANNING QUANTITY OF EHS

## CALIFORNIA PROPOSITION 65 WARNING

CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM MAY BE FOUND IN CRUDE OIL AND PETROLEUM PRODUCTS. ALTHOUGH IT IS POSSIBLE TO SUFFICIENTLY REFINES A CRUDE OIL OR ITS END PRODUCTS TO REMOVE THE POTENTIAL FOR CANCER, WE ARE ADVISING THAT ONE OR MORE OF THE LISTED CHEMICALS MAY BE PRESENT IN SOME DETECTABLE QUANTITIES. READ AND FOLLOW DIRECTIONS AND USE CARE WHEN HANDLING CRUDE OIL AND PETROLEUM PRODUCTS.

## 16. OTHER INFORMATION

THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF THIS COMPANY'S KNOWLEDGE AND BELIEVED ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO THE ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR THEIR OWN PARTICULAR USE.

# USED OIL FUEL MANIFEST

64551

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. <u>LAD981059250</u>	P.O. #	Page 1 of 1
Generator's Name and Physical Address <u>Boxin Oil Recovery, Inc.</u> <u>18101 W La Hwy 330, Abbeville, LA 70511</u>		Mailing Address	Generator's Signature <u>Charles K. Bosh</u>	
Generator's Phone <u>337-873-7170</u>			Date <u>8/16/13</u>	Time
GENERATOR	Description <u>Processed</u> Used Oil Fuel, Recyclable, Reusable	QUANTITY Gallons / Barrels <u>5004</u>	PRICE	AMOUNT
	( <u>  </u> % Solids, <u>  </u> % Water <u>  </u> % Emulsion)	% B.S. & W. <u>16%</u>		
		Gallons / Barrels B.S. & W. <u>801</u>		
	Gallons / Barrels Net Used Oil Fuel. <u>4203</u>			
	Halogen Test <u>  </u> p.p.m.		TOTAL	
<b>EMERGENCY NUMBER</b> <b>PERS</b> <b>1-800-633-8253</b>				
<b>TRANSPORTER</b>				
Transporter Name <u>Sumter Transport Company</u>		Driver Name (Print) <u>JOE COPI</u>		
Address <u>1880 Sumter Drive</u> <u>Sumter SC 29154</u>		Vehicle License No./State US EPA ID Number or Other Vehicle Certification		
I hereby certify that the above named material was picked up at the generator site listed above.		I hereby certify that the above named material was delivered without incident to the destination listed below.		
Driver Signature <u>[Signature]</u>		Driver Signature		
Date <u>8/16/13</u>		Date		
Time		Time		
<b>DESTINATION</b>				
Storage Facility Name and Site Address		US EPA ID Number	State Facility's ID	
			Facility's Phone	
Final Designated Facility Name and Site Address <u>US Oil Recovery</u> <u>400 N. Richey</u> <u>Abbeville TX</u>		US EPA ID Number	State Facility's ID	
			Facility's Phone	
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest				
Printed, Type Name		Signature		Month Day Year

FACILITY

# USED OIL FUEL MANIFEST

64552

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

<b>GENERATOR</b>	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. <u>LA098059850</u>		P.O. #	Page 1 of
	Generator's Name and Physical Address <u>Bodin Oil Reclaimer, Inc.</u> <u>15101 W. La Hwy 330, Abbeville, LA 70570</u>		Mailing Address		Generator's Signature <u>Chas. K. Bodin</u>	
	Generator's Phone <u>337-893-3978</u>				Date <u>8/16/13</u>	Time
	4%		QUANTITY	PRICE	AMOUNT	
	Description <u>Processed</u> Used Oil Fuel, Recyclable, Reusable		Gallons / Barrels <u>4661</u>			
	(____%Solids, ____%Water ____%Emulsion)		% B.S. & W. <u>16.6</u>			
			Gallons / Barrels B.S. & W. <u>746</u>			
	<b>EMERGENCY NUMBER PERS</b> <b>1-800-633-8253</b>		Gallons / Barrels Net Used Oil Fuel. <u>3915</u>			
	Halogen Test _____ p.p.m.			<b>TOTAL</b>		

## TRANSPORTER

Transporter Name <u>Dexter Transport Co.</u>	Driver Name (Print) <u>V. David Johnson</u>
Address <u>1380 Lynette Drive</u> <u>Dexter, SC 29154</u>	Vehicle License No./State _____
	US EPA ID Number or Other _____
	Vehicle Certification _____
I hereby certify that the above named material was picked up at the generator site listed above.	
I hereby certify that the above named material was delivered without incident to the destination listed below.	
Driver Signature <u>[Signature]</u>	Driver Signature _____
Date <u>8/16/13</u>	Date _____
Time _____	Time _____

## DESTINATION

Storage Facility Name and Site Address		US EPA ID Number	State Facility's ID
			Facility's Phone
Final Designated Facility Name and Site Address <u>415. Oil Recovery</u> <u>400 N. Richey</u> <u>Pasadena TX</u>		US EPA ID Number	State Facility's ID
			Facility's Phone
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest			
Printed, Type Name <u>Neal Lenora</u>	Signature <u>[Signature]</u>	Month <u>8</u>	Day <u>17</u>
		Year <u>13</u>	

**GENERATOR**

**FACILITY**



# USED OIL FUEL MANIFEST

64581

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

<b>GENERATOR</b>	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. <u>LA0951059300</u>		P.O. #	Page 1 of
	Generator's Name and Physical Address <u>Brown Oil Recovery</u> <u>1901 W. W. Hwy 33, Abbeville, LA 70520</u>		Mailing Address		Generator's Signature <u>Charles X. Baker</u>	
	Generator's Phone ( ) <u>337-713-3172</u>				Date <u>9/4/13</u>	Time
	45"		QUANTITY	PRICE	AMOUNT	
	Description <u>Used Oil Fuel, Recyclable, Reusable</u>		Gallons / Barrels <u>5029</u>			
	( %Solids, %Water %Emulsion)		% B.S. & W.	<u>16%</u>		
	Gallons / Barrels B.S. & W.		<u>805</u>			
	Gallons / Barrels Net Used Oil Fuel.		<u>4224</u>			
	Halogen Test <u>100</u> p.p.m.			<b>TOTAL</b>		
	<b>EMERGENCY NUMBER</b> <b>PERS</b> <b>1-800-633-8253</b>					

## TRANSPORTER

Transporter Name <u>Sumter Transport Co.</u>	Driver Name (Print) <u>Wayne R. Poston</u>
Address <u>1830 Lynette Drive</u> <u>Sumter, SC 29144</u>	Vehicle License No./State <u>7543</u>
US EPA ID Number or Other Vehicle Certification	
I hereby certify that the above named material was picked up at the generator site listed above.	
I hereby certify that the above named material was delivered without incident to the destination listed below.	
Driver Signature <u>Wayne Poston</u>	Driver Signature
Date <u>9/4/13</u>	Date
Time	Time

## DESTINATION

Storage Facility Name and Site Address	US EPA ID Number	State Facility's ID
		Facility's Phone
Final Designated Facility Name and Site Address <u>US Oil Recovery</u> <u>4100 N. Pike</u> <u>Porter, TX</u>	US EPA ID Number	State Facility's ID
		Facility's Phone

Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest

Printed, Type Name	Signature	Month	Day	Year

**GENERATOR**

**FACILITY**

# USED OIL FUEL MANIFEST

64600

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

GENERATOR	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. <u>LAD17054-50</u>		P.O. #	Page 1 of
	Generator's Name and Physical Address <u>Harlan One Company</u>		Mailing Address		Generator's Signature <u>Charles B. De</u>	
	Generator's Phone ( ) <u>831 517 3170</u>				Date <u>9/13/13</u>	Time
	Description <u>processed</u>		QUANTITY	PRICE	AMOUNT	
	Used Oil Fuel, Recyclable, Reusable		Gallons / Barrels <u>5654</u>			
FACILITY	( %Solids, %Water %Emulsion)		% B.S. & W.	<u>11.6</u>		
	Gallons / Barrels B.S. & W.		<u>6.22</u>			
	EMERGENCY NUMBER PERS 1-800-633-8253		Gallons / Barrels Net Used Oil Fuel.	<u>5057</u>		
	Halogen Test <u>30</u> p.p.m.			<b>TOTAL</b>		
	<b>TRANSPORTER</b> Transporter Name <u>Harlan One Company</u> Driver Name (Print) <u>Tami Miller</u> Address <u>1500 Highway 100</u> Vehicle License No./State _____ I hereby certify that the above named material was picked up at the generator site listed above. US EPA ID Number or Other _____ Vehicle Certification _____ I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature _____ Date <u>9/13/13</u> Time _____ Date _____ Time _____					
<b>DESTINATION</b> Storage Facility Name and Site Address _____ US EPA ID Number _____ State Facility's ID _____ Facility's Phone _____ Final Designated Facility Name and Site Address <u>US Oil Refining</u> US EPA ID Number _____ State Facility's ID _____ Facility's Phone _____ Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest Printed, Type Name _____ Signature _____ Month _____ Day _____ Year _____						



# USED OIL FUEL MANIFEST

64652

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

<b>GENERATOR</b>	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. <u>LAD97K5950</u>		P.O. #	Page 1 of
	Generator's Name and Physical Address <u>Biden Oil Recovery Co</u> <u>1500 W. 1st Ave. Suite 100</u> <u>331 512-4122</u>		Mailing Address		Generator's Signature <u>Charles L. Biden</u>	
	Generator's Phone ( )				Date <u>9/18/13</u>	Time
			QUANTITY	PRICE	AMOUNT	
	Description <u>Processed</u> Used Oil Fuel, Recyclable, Reusable		Gallons / Barrels <u>5654</u> <small>(5780 according to spec)</small>			
( %Solids, %Water %Emulsion)		% B.S. & W.	<u>96</u>			
		Gallons / Barrels B.S. & W.	<u>531</u>			
<b>EMERGENCY NUMBER</b> <b>PERS</b> <b>1-800-633-8253</b>		Gallons / Barrels Net Used Oil Fuel.	<u>5150</u>			
		Halogen Test <u>100</u> p.p.m.		<b>TOTAL</b>		

## TRANSPORTER

Transporter Name <u>Amber Transport</u>	Driver Name (Print) <u>Ricardo P. Ramos</u>
Address <u>1500 S. 1st Ave. Suite 100</u> <u>Amber, SC 29504</u>	Vehicle License No./State US EPA ID Number or Other Vehicle Certification
I hereby certify that the above named material was picked up at the generator site listed above.	
I hereby certify that the above named material was delivered without incident to the destination listed below.	
Driver Signature <u>[Signature]</u>	Driver Signature
Date <u>9/18/13</u>	Date
Time	Time

## DESTINATION

Storage Facility Name and Site Address	US EPA ID Number	State Facility's ID
		Facility's Phone
Final Designated Facility Name and Site Address <u>US Oil Recovery</u> <u>100 W. 1st Ave.</u> <u>Amber, SC 29504</u>	US EPA ID Number	State Facility's ID
		Facility's Phone
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest		
Printed, Type Name	Signature	Month Day Year

**FACILITY**

# USED OIL FUEL MANIFEST

64662

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

<b>GENERATOR</b>	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LAD981059850		P.O. #	Page 1 of
	Generator's Name and Physical Address Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Abbeville, LA 70510 Generator's Phone ( ) 337-893-3972		Mailing Address		Generator's Signature <i>Charles H. Bodin</i>	
					Date 2-3-13	Time
	Description Used Oil Fuel, Recyclable, Reusable		Gallons / Barrels	QUANTITY	PRICE	AMOUNT
	(6 %Solids, %Water %Emulsion)		% B.S. & W.	6%		
	Gallons / Barrels B.S. & W.		328			
	Gallons / Barrels Net Used Oil Fuel.		5116			
	Halogen Test 000 p.p.m.			TOTAL		

## TRANSPORTER

Transporter Name Sumter Transport / Triad Transport Address 1880 Lynette Drive Sumter, SC 29154	Driver Name (Print) <i>Phillip Clark</i>
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature <i>Phillip Clark</i>	Driver Signature <i>Phillip Clark</i>
Date 2-3-13	Date 2-3-13
Time	Time

## DESTINATION

<b>FACILITY</b>	Storage Facility Name and Site Address		US EPA ID Number	State Facility's ID
				Facility's Phone
	Final Designated Facility Name and Site Address US Oil Recovery 400 North Richy Pasadena, TX		US EPA ID Number	State Facility's ID
				Facility's Phone
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest				
Printed, Type Name Neal Lonora		Signature <i>Neal Lonora</i>		Month Day Year

# USED OIL FUEL MANIFEST

64666

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

<b>GENERATOR</b>	<b>TRANSPORTATION MANIFEST</b>	Generator's US EPA ID No. <b>LAD981059850</b>	P.O. #	Page 1 of	
	Generator's Name and Physical Address <b>Bodin Oil Recovery 18101 W LA Hwy 330 Generator's Phone (337) 893-3972</b>		Mailing Address		
	Generator's Signature <b>Charles X. Bodin</b>		Date <b>9/26/13</b>		
	Generator's Phone		Time		
<b>GENERATOR</b>	Description <b>Processed</b>		QUANTITY	PRICE	AMOUNT
	Used Oil Fuel, Recyclable, Reusable		Gallons / Barrels		
	(____% Solids, ____% Water ____% Emulsion)		% B.S. & W.		
			Gallons / Barrels B.S. & W.		
	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>EMERGENCY NUMBER</b>  <b>PERS</b>  <b>1-800-633-8253</b> </div>		Gallons / Barrels Net Used Oil Fuel.		
	Halogen Test _____ p.p.m.			<b>TOTAL</b>	
<b>FACILITY</b>	<b>TRANSPORTER</b>				
	Transporter Name <b>Sumter Transport/Tridd</b>		Driver Name (Print) <b>X Keith Haag</b>		
	Address <b>1880 Lynette Drive Sumter, SC 29154</b>		Vehicle License No./State _____		
			US EPA ID Number or Other _____		
			Vehicle Certification _____		
	I hereby certify that the above named material was picked up at the generator site listed above.		I hereby certify that the above named material was delivered without incident to the destination listed below.		
	<b>X</b> <b>W.D. H.</b>		Driver Signature _____		
	Driver Signature _____		Date _____ Time _____		
	Date _____ Time _____		Date _____ Time _____		
	<b>DESTINATION</b>				
Storage Facility Name and Site Address		US EPA ID Number	State Facility's ID		
			Facility's Phone		
Final Designated Facility Name and Site Address		US EPA ID Number	State Facility's ID		
<b>US Oil Recovery 400 North Ricky Pasadena, TX</b>			Facility's Phone		
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest					
Printed, Type Name		Signature		Month Day Year	

# USED OIL FUEL MANIFEST

64670

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

<b>GENERATOR</b>	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LAD981059850		P.O. #	Page 1 of
	Generator's Name and Physical Address Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Abbeville, LA 70510		Mailing Address		Generator's Signature <i>[Signature]</i>	
	Generator's Phone ( ) 337-893-3977				Date 9/30/13	Time
	Description Used Oil Fuel, Recyclable, Reusable		QUANTITY Gallons / Barrels 5250	PRICE	AMOUNT	
	( %Solids, %Water %Emulsion) % B.S. & W.		16%			
	Gallons / Barrels B.S. & W.		840			
	Gallons / Barrels Net Used Oil Fuel.		4410			
	Halogen Test 100 p.p.m.			TOTAL		
	<b>EMERGENCY NUMBER PERS</b> <b>1-800-633-8253</b>					

## TRANSPORTER

Transporter Name Sumter Transport / Sumter Transport 1880 Lynette Drive Sumter, SC 29154	Driver Name (Print) X <i>[Signature]</i>
Vehicle License No./State	
US EPA ID Number or Other	
Vehicle Certification	
I hereby certify that the above named material was picked up at the generator site listed above.	
I hereby certify that the above named material was delivered without incident to the destination listed below.	
Driver Signature <i>[Signature]</i>	Driver Signature
Date 9/30/13	Date
Time	Time

## DESTINATION

<b>FACILITY</b>	Storage Facility Name and Site Address	US EPA ID Number	State Facility's ID
			Facility's Phone
	Final Designated Facility Name and Site Address US Oil Recovery 400 North Richy Pasadena, TX	US EPA ID Number	State Facility's ID
			Facility's Phone
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest			
Printed, Type Name	Signature	Month	Day Year

# USED OIL FUEL MANIFEST

64671

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

G E N E R A T O R	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LAD981059850		P.O. #	Page 1 of
	Generator's Name and Physical Address Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Abbeville, LA 70510		Mailing Address		Generator's Signature <i>Phillip Clark</i>	
	Generator's Phone ( ) 337-893-3972				Date 2/1/13	Time
	Description Used Oil Fuel, Recyclable, Reusable		QUANTITY Gallons / Barrels 6073	PRICE	AMOUNT	
	( %Solids, %Water %Emulsion)		% B.S. & W. 116			
	Gallons / Barrels B.S. & W. 1632					
	Gallons./ Barrels Net Used Oil Fuel. 5041					
	Halogen Test <i>200</i> p.p.m.			<b>TOTAL</b>		
<b>TRANSPORTER</b>						
Transporter Name Sumter Transport Address 1880 Lynette Drive Sumter, SC 29154			Driver Name (Print) <i>Phillip Clark</i>			
I hereby certify that the above named material was picked up at the generator site listed above.			Vehicle License No./State US EPA ID Number or Other Vehicle Certification			
Driver Signature <i>Phillip Clark</i>			I hereby certify that the above named material was delivered without incident to the destination listed below.			
Date <i>2/1/13</i> Time			Driver Signature			
Date Time			Date Time			
<b>DESTINATION</b>						
Storage Facility Name and Site Address			US EPA ID Number	State Facility's ID		
				Facility's Phone		
F A C I L I T Y	Final Designated Facility Name and Site Address US Oil Recovery 400 North Richy Pasadena, TX			US EPA ID Number	State Facility's ID	
					Facility's Phone	
	Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest					
Printed, Type Name			Signature		Month	Day Year



# USED OIL FUEL MANIFEST

64677

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

<b>GENERATOR</b>	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LAD981059850		P.O. #	Page 1 of
	Generator's Name and Physical Address Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Abbeville, LA 70510 Generator's Phone ( ) 337-893-3972		Mailing Address		Generator's Signature <i>Charles A. Bodin</i>	
					Date 10/2/13	Time
	Description Used Oil Fuel, Recyclable, Reusable ( %Solids, %Water %Emulsion)		QUANTITY Gallons / Barrels	PRICE	AMOUNT	
	Gallons / Barrels B.S. & W.					
<b>FACILITY</b>	EMERGENCY NUMBER PERS 1-800-633-8253		Gallons / Barrels Net Used Oil Fuel.			
	Halogen Test 200 p.p.m.		TOTAL			

## TRANSPORTER

Transporter Name Sumter Transport / Road Transport	Driver Name (Print) Phillip Chant
Address 1880 Lynette Drive Sumter, SC 29134	Vehicle License No./State US EPA ID Number or Other Vehicle Certification
I hereby certify that the above named material was picked up at the generator site listed above.	
I hereby certify that the above named material was delivered without incident to the destination listed below.	
Driver Signature <i>Phillip Chant</i>	Driver Signature
Date 10/2/13	Date
Time	Time

## DESTINATION

Storage Facility Name and Site Address	US EPA ID Number	State Facility's ID
		Facility's Phone
Final Designated Facility Name and Site Address US Oil Recovery 400 North Richy Pasadena, TX	US EPA ID Number	State Facility's ID
		Facility's Phone
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest		
Printed, Type Name	Signature	Month Day Year



# USED OIL FUEL MANIFEST

64686

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

GENERATOR	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. <b>LAD981059850</b>		P.O. #	Page 1 of																																																								
	Generator's Name and Physical Address <b>Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Abbeville, LA 70510</b>		Mailing Address		Generator's Signature <i>Charles K Bodin</i>																																																									
	Generator's Phone ( ) <b>337-893-3972</b>				Date <b>10/7/13</b>	Time																																																								
FACILITY	Description <b>G-24.5@74°</b> <i>Processed</i> Used Oil Fuel, Recyclable, Reusable		QUANTITY <b>3557</b>	PRICE	AMOUNT																																																									
	( %Solids, %Water %Emulsion)		% B.S. & W.	<b>182</b>																																																										
	Gallons / Barrels B.S. & W.		<b>640</b>																																																											
	Gallons / Barrels Net Used Oil Fuel.		<b>2917</b>																																																											
	Halogen Test <b>100</b> p.p.m.				<b>TOTAL</b>																																																									
<table border="1"> <tr> <td colspan="7"><b>TRANSPORTER</b></td> </tr> <tr> <td colspan="2">Transporter Name <b>Sumter Transport</b></td> <td colspan="5">Driver Name (Print) <i>x Keith Waag</i></td> </tr> <tr> <td colspan="2">Address <b>1880 Lynette Drive Sumter, SC 29154</b></td> <td colspan="5">Vehicle License No./State</td> </tr> <tr> <td colspan="2"></td> <td colspan="5">US EPA ID Number or Other</td> </tr> <tr> <td colspan="2"></td> <td colspan="5">Vehicle Certification</td> </tr> <tr> <td colspan="4">I hereby certify that the above named material was picked up at the generator site listed above.</td> <td colspan="3">I hereby certify that the above named material was delivered without incident to the destination listed below.</td> </tr> <tr> <td colspan="2">Driver Signature <i>x</i></td> <td colspan="5">Driver Signature</td> </tr> <tr> <td colspan="2">Date <b>10/7/13</b></td> <td colspan="2">Time</td> <td colspan="2">Date</td> <td>Time</td> </tr> </table>							<b>TRANSPORTER</b>							Transporter Name <b>Sumter Transport</b>		Driver Name (Print) <i>x Keith Waag</i>					Address <b>1880 Lynette Drive Sumter, SC 29154</b>		Vehicle License No./State							US EPA ID Number or Other							Vehicle Certification					I hereby certify that the above named material was picked up at the generator site listed above.				I hereby certify that the above named material was delivered without incident to the destination listed below.			Driver Signature <i>x</i>		Driver Signature					Date <b>10/7/13</b>		Time		Date		Time
<b>TRANSPORTER</b>																																																														
Transporter Name <b>Sumter Transport</b>		Driver Name (Print) <i>x Keith Waag</i>																																																												
Address <b>1880 Lynette Drive Sumter, SC 29154</b>		Vehicle License No./State																																																												
		US EPA ID Number or Other																																																												
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Driver Signature <i>x</i>		Driver Signature																																																												
Date <b>10/7/13</b>		Time		Date		Time																																																								
<b>DESTINATION</b>																																																														
Storage Facility Name and Site Address			US EPA ID Number	State Facility's ID																																																										
				Facility's Phone																																																										
Final Designated Facility Name and Site Address <b>US Oil Recovery 400 North Richy Pasadena, TX</b>			US EPA ID Number	State Facility's ID																																																										
				Facility's Phone																																																										
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest																																																														
Printed, Type Name		Signature		Month	Day	Year																																																								

# USED OIL FUEL MANIFEST

64687

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

<b>G E N E R A T O R</b>	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LAD981059850		P.O. #	Page 1 of	
	Generator's Name and Physical Address  Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Abbeville, LA 70510 Generator's Phone ( ) 337-891-3977			Mailing Address			
				Generator's Signature <i>Charles &amp; Bob</i>			
				Date 10/9/13		Time	
<b>F A C I L I T Y</b>	Description Used Oil Fuel, Recyclable, Reusable ( %Solids, %Water %Emulsion)			QUANTITY 3710	PRICE	AMOUNT	
	Gallons / Barrels						
	Gallons / Barrels B.S. & W.			132			
	Gallons / Barrels Net Used Oil Fuel.			602			
	Halogen Test <i>0</i> p.p.m.						
					<b>TOTAL</b>		
<b>TRANSPORTER</b>							
Transporter Name Sumter Transport/Triad Transport			Driver Name (Print) <i>Phillip Clark</i>				
Address 1880 Lynette Drive Sumter, SC 29154			Vehicle License No./State US EPA ID Number or Other Vehicle Certification				
I hereby certify that the above named material was picked up at the generator site listed above.			I hereby certify that the above named material was delivered without incident to the destination listed below.				
Driver Signature <i>Phillip Clark</i>			Driver Signature				
Date 10/9/13			Time		Date Time		
<b>DESTINATION</b>							
Storage Facility Name and Site Address			US EPA ID Number		State Facility's ID		
					Facility's Phone		
Final Designated Facility Name and Site Address US Oil Recovery 400 North Richy Pasadena, TX			US EPA ID Number		State Facility's ID		
					Facility's Phone		
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest							
Printed, Type Name			Signature		Month Day Year		

# USED OIL FUEL MANIFEST

64691

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

<b>GENERATOR</b>	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LAD981059850		P.O. #	Page 1 of
	Generator's Name and Physical Address Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Abbeville, LA 70510		Mailing Address		Generator's Signature <i>Charles A. Bodin</i>	
	Generator's Phone ( ) 337-893-3977				Date 10/11/13	Time
	Description Used Oil Fuel, Recyclable, Reusable		QUANTITY Gallons / Barrels 3710	PRICE	AMOUNT	
	( %Solids, %Water %Emulsion) % B.S. & W.					
	Gallons / Barrels B.S. & W.		557			
	Gallons / Barrels Net Used Oil Fuel.		3153			
	Halogen Test 30 p.p.m.			<b>TOTAL</b>		
	<b>EMERGENCY NUMBER PERS</b> 1-800-633-8253					

## TRANSPORTER

Transporter Name Sumter Transport	Driver Name (Print) <i>Phillip Clark</i>
Address 1880 Lynette Drive Sumter, SC 29154	Vehicle License No./State US EPA ID Number or Other Vehicle Certification
I hereby certify that the above named material was picked up at the generator site listed above.	
I hereby certify that the above named material was delivered without incident to the destination listed below.	
Driver Signature <i>Phillip Clark</i>	Driver Signature
Date 10/11/13	Date
Time	Time

## DESTINATION

<b>FACILITY</b>	Storage Facility Name and Site Address		US EPA ID Number	State Facility's ID
				Facility's Phone
	Final Designated Facility Name and Site Address US Oil Recovery 400 North Richy Pasadena, TX		US EPA ID Number	State Facility's ID
				Facility's Phone
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest				
Printed, Type Name		Signature		Month Day Year

# USED OIL FUEL MANIFEST

64692

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

<b>GENERATOR</b>	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LAD11051450	P.O. #	Page 1 of	
	Generator's Name and Physical Address 1401 N. 14th St., Suite 100, Dallas, TX 75207		Mailing Address	Generator's Signature [Signature]		
	Generator's Phone ( ) 214-391-1172			Date 12/14/13	Time	
	Description Drum 25.1 @ 20°		QUANTITY	PRICE	AMOUNT	
	Used Oil Fuel, Recyclable, Reusable (Gallons) / Barrels		3811			
	(16 % Solids, % Water % Emulsion) % B.S. & W.		16 %			
	(Gallons) / Barrels B.S. & W.		610			
	Gallons / Barrels Net Used Oil Fuel.		3201			
	Halogen Test 100 p.p.m.			<b>TOTAL</b>		
	<b>EMERGENCY NUMBER PERS 1-800-633-8253</b>					

## TRANSPORTER

Transporter Name [Signature]	Driver Name (Print) Phillip Clark
Address 1401 N. 14th St., Suite 100, Dallas, TX 75207	Vehicle License No./State US EPA ID Number or Other Vehicle Certification
I hereby certify that the above named material was picked up at the generator site listed above.	
I hereby certify that the above named material was delivered without incident to the destination listed below.	
Driver Signature [Signature]	Driver Signature [Signature]
Date	Time
Date	Time

## DESTINATION

Storage Facility Name and Site Address	US EPA ID Number	State Facility's ID
		Facility's Phone
Final Designated Facility Name and Site Address J. Oil Recovery 400 North Lacey Buckhorn, TX	US EPA ID Number	State Facility's ID
		Facility's Phone
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest		
Printed, Type Name	Signature	Month Day Year

**FACILITY**

# USED OIL FUEL MANIFEST

64695

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

GENERATOR	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LAD981059850		P.O. #	Page 1 of
	Generator's Name and Physical Address Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Abbeville, LA 70510 Generator's Phone ( ) 337-893-3972		Mailing Address		Generator's Signature Date 10/10/13 Time	
	Description Used Oil Fuel, Recyclable, Reusable ( %Solids, %Water %Emulsion)		Gallons / Barrels	QUANTITY	PRICE	AMOUNT
	Gallons / Barrels B.S. & W.		% B.S. & W.			
	Gallons / Barrels Net Used Oil Fuel.					
FACILITY	<b>EMERGENCY NUMBER PERS</b> 1-800-633-8253		Halogen Test 300 p.p.m.		TOTAL	
	<b>TRANSPORTER</b>					
	Transporter Name Sumter Transport Address 1880 Lynette Drive Sumter, SC 29154		Driver Name (Print) Driver Signature Vehicle License No./State US EPA ID Number or Other Vehicle Certification			
	I hereby certify that the above named material was picked up at the generator site listed above.		I hereby certify that the above named material was delivered without incident to the destination listed below.			
	Driver Signature Date 10/10/13 Time		Driver Signature Date 10/10/13 Time			
<b>DESTINATION</b>						
Storage Facility Name and Site Address			US EPA ID Number		State Facility's ID	
					Facility's Phone	
Final Designated Facility Name and Site Address US Oil Recovery 400 North Richy Pasadena, TX			US EPA ID Number		State Facility's ID	
					Facility's Phone	
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest						
Printed, Type Name			Signature		Month Day Year	



# USED OIL FUEL MANIFEST

64696

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

GENERATOR	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LAD981059850		P.O. #	Page 1 of
	Generator's Name and Physical Address Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Generator's Phone ( ) 337-893-3977		Mailing Address Abbeville, LA 70510		Generator's Signature <i>Chake &amp; Bodin</i>	
					Date 10/17/13	Time
	Description Used Oil Fuel, Recyclable, Reusable		QUANTITY Gallons / Barrels 3710	PRICE	AMOUNT	
	( %Solids, %Water %Emulsion)		% B.S. & W. 136			
	Gallons / Barrels B.S. & W. 663					
	Gallons / Barrels Net Used Oil Fuel. 3012					
	Halogen Test 100 p.p.m.			TOTAL		

## TRANSPORTER

Transporter Name Sumter Transport	Driver Name (Print) <i>D. Clark</i>
Address 1880 Lynette Drive Sumter, SC 29154	Vehicle License No./State US EPA ID Number or Other Vehicle Certification
I hereby certify that the above named material was picked up at the generator site listed above. <i>Patty Clark</i>	I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature <i>Patty Clark</i>	Driver Signature
Date 10/17/13	Time Date Time

## DESTINATION

FACILITY	Storage Facility Name and Site Address		US EPA ID Number	State Facility's ID
				Facility's Phone
	Final Designated Facility Name and Site Address US Oil Recovery 400 North Richy Pasadena, TX		US EPA ID Number	State Facility's ID
				Facility's Phone
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest				
Printed, Type Name Neal Lonoza		Signature <i>NL Lonoza</i>		Month / Day / Year 10 / 17 / 13



# USED OIL FUEL MANIFEST

64699

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

<b>GENERATOR</b>	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LAD981059850		P.O. #	Page 1 of
	Generator's Name and Physical Address Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Abbeville, LA 70510 Generator's Phone ( ) 337-893-3972		Mailing Address		Generator's Signature <i>[Signature]</i>	
					Date 10/15/13	Time
	61-233682		QUANTITY	PRICE	AMOUNT	
	Description Used Oil Fuel, Recyclable, Reusable (1% Solids, 2% Water, 9% Emulsion) Gallons / Barrels B.S. & W.		Gallons / Barrels 3672			
<b>FACILITY</b>	EMERGENCY NUMBER PERS 1-800-633-8253		Gallons / Barrels Net Used Oil Fuel. 3231			
	Halogen Test 200 p.p.m.				TOTAL	

## TRANSPORTER

Transporter Name Sumter Transport Address 1880 Lynette Drive Sumter, SC 29154	Driver Name (Print) <i>Phillip Clark</i> Vehicle License No./State US EPA ID Number or Other Vehicle Certification
I hereby certify that the above named material was picked up at the generator site listed above.	
I hereby certify that the above named material was delivered without incident to the destination listed below.	
Driver Signature <i>Phillip Clark</i>	Driver Signature
Date 10/15/13	Date
Time	Time

## DESTINATION

Storage Facility Name and Site Address	US EPA ID Number	State Facility's ID
		Facility's Phone
Final Designated Facility Name and Site Address US Oil Recovery 400 North Richy Pasadena, TX	US EPA ID Number	State Facility's ID
		Facility's Phone

## Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest

Printed, Type Name	Signature	Month	Day	Year

# USED OIL FUEL MANIFEST

64710

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

GENERATOR	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LAD981059850		P.O. #	Page 1 of
	Generator's Name and Physical Address Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Generator's Phone ( ) 337-893-3972		Mailing Address Abbeville, LA 70510		Generator's Signature <i>Charles R. L.</i>	
					Date 10/25/13	Time
	Description Used Oil Fuel, Recyclable, Reusable		QUANTITY 3700	PRICE	AMOUNT	
	( 1 %Solids, 1 %Water 12 %Emulsion) % B.S. & W.		126			
	Gallons / Barrels B.S. & W.		2449			
	Gallons / Barrels Net Used Oil Fuel.		3250			
	Halogen Test _____ p.p.m.			TOTAL		

<b>TRANSPORTER</b>			
Transporter Name Sumter Transport		Driver Name (Print) x Howard E. Breyer	
Address 1880 Lynette Drive Sumter, SC 29154		Vehicle License No./State US EPA ID Number or Other Vehicle Certification	
I hereby certify that the above named material was picked up at the generator site listed above.		I hereby certify that the above named material was delivered without incident to the destination listed below.	
Driver Signature x Howard E. Breyer		Driver Signature	
Date 10/25/13 Time		Date Time	

<b>DESTINATION</b>			
Storage Facility Name and Site Address		US EPA ID Number	State Facility's ID
			Facility's Phone
Final Designated Facility Name and Site Address US Oil Recovery 400 North Richy Pasadena, TX		US EPA ID Number	State Facility's ID
			Facility's Phone
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest			
Printed, Type Name		Signature	Month Day Year

FACILITY

# USED OIL FUEL MANIFEST

04725

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

GENERATOR	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. LA D981059850		P.O. #	Page 1 of
	Generator's Name and Physical Address Bodin Oil Recovery, Inc. 18101 W LA Hwy 330. Abberville, LA 70510 337-893-3972		Mailing Address		Generator's Signature [Signature]	
	Generator's Phone ( )				Date 10/3/13	Time
	Description Used Oil Fuel, Recyclable, Reusable		Gallons / Barrels 3710	QUANTITY	PRICE	AMOUNT
	( %Solids, %Water %Emulsion) % B.S. & W.					
		Gallons / Barrels B.S. & W.				
<div style="border: 1px solid black; padding: 5px;"> <b>EMERGENCY NUMBER</b>  <b>PERS</b>  <b>1-800-633-8253</b> </div>		Gallons / Barrels Net Used Oil Fuel.	30.05			
		Halogen Test 20 p.p.m.		<b>TOTAL</b>		

## TRANSPORTER

Transporter Name Sumter Transport Triad Transport	Driver Name (Print)
Address 1880 Lynette Drive Sumter, SC 29154	Vehicle License No./State
	US EPA ID Number or Other
	Vehicle Certification
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature	Driver Signature
Date 10/3/13 Time	Date Time

## DESTINATION

FACILITY	Storage Facility Name and Site Address		US EPA ID Number	State Facility's ID
				Facility's Phone
	Final Designated Facility Name and Site Address US Oil Recovery 400 North Richy Pasadena, TX		US EPA ID Number	State Facility's ID
				Facility's Phone
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest				
Printed, Type Name Moses Chandler		Signature [Signature]		Month Day Year



# USED OIL FUEL MANIFEST

64764

I hereby certify that the below named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is proper condition for transportation according to applicable regulations.

<b>G E N E R A T O R</b>	<b>TRANSPORTATION MANIFEST</b>		Generator's US EPA ID No. <b>LAD981059850</b>		P.O. #	Page 1 of	
	Generator's Name and Physical Address <b>Bodin Oil Recovery, Inc., 18101 W LA Hwy 330, Abbeville, LA 70510</b>			Mailing Address		Generator's Signature <i>Charles K. Bodin</i>	
	Generator's Phone ( ) <b>337-893-3972</b>					Date <b>11/18/13</b> Time	
				QUANTITY	PRICE	AMOUNT	
	Description <b>Gravity 22@71°</b>						
	Used Oil Fuel, Recyclable, Reusable Gallons / Barrels			<b>3709</b>			
	( <u>0.5</u> %Solids, <u>7.5</u> %Water <u>10</u> %Emulsion) % B.S. & W.			<b>18%</b>			
	Gallons / Barrels B.S. & W.			<b>668</b>			
	<b>EMERGENCY NUMBER PERS 1-800-633-8253</b>			Gallons / Barrels Net Used Oil Fuel.		<b>3041</b>	
	Halogen Test _____ p.p.m.			<b>TOTAL</b>			

<b>TRANSPORTER</b>			
Transporter Name <u>Sumter Transport/Sumter Transport</u>		Driver Name (Print) <u>Terry G Millard</u>	
Address <u>1880 Lynette Drive</u>		Vehicle License No./State _____	
<u>Sumter, SC 29154</u>		US EPA ID Number or Other _____	
I hereby certify that the above named material was picked up at the generator site listed above.		Vehicle Certification _____	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <i>Terry G Millard</i>            Driver Signature         </div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <i>Terry G Millard</i>            Driver Signature         </div>	
Date <u>11/18/13</u> Time _____		Date <u>11/18/13</u> Time _____	

<b>DESTINATION</b>			
Storage Facility Name and Site Address		US EPA ID Number	State Facility's ID
			Facility's Phone
Final Designated Facility Name and Site Address <b>US Oil Recovery 400 North Richy Pasadena, TX</b>		US EPA ID Number	State Facility's ID
			Facility's Phone
Facility Owner or Operator Certification of Receipt of Materials Covered by this Manifest			
Printed, Type Name		Signature	Month Day Year

**APPENDIX F**

**ROLL-OFF BOX SOLIDS MANIFESTS – HAZARDOUS WASTE  
DERIVED FUELS**

DUMM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581943 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>				Generator's Site Address (if different than mailing address)				
Generator's Phone: <b>803.840.5304</b>				Attn:				
6. Transporter 1 Company Name <b>Sumter Transport Company</b>				803.775.1002		U.S. EPA ID Number <b>SCD987584778</b>		
7. Transporter 2 Company Name						U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Geocycle LLC 2175 Gardner Blvd Holly Hill, SC 29058</b>						U.S. EPA ID Number <b>SCD003368891</b>		
Facility's Phone: <b>(803) 488-1458</b>								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
				No.	Type			
	X	UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ		1	TT	5,287	G.	0001 0018 0028 0035 0040
14. Special Handling Instructions and Additional Information <b>ERG# 128 Accepted 4792G-43,990P @ Texas State Waste Code: FVGP603H PQ-130807-003-H</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>				Signature <i>Neal Lonoza</i>		Month Day Year <b>8   27   13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>Benjamin B. Duke</b>				Signature <i>Benjamin B. Duke</i>		Month Day Year <b>8   27   13</b>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H050</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>WANDA OBrien</b>				Signature <i>Wanda OBrien</i>		Month Day Year <b>08   29   13</b>		

M-205876 S-78307



93A

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581945 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)				
Generator's Phone: <b>803.840.5304</b>				Attn:				
6. Transporter 1 Company Name <b>Sumter Transport Company</b>				803.775.1002		U.S. EPA ID Number <b>SCD987584778</b>		
7. Transporter 2 Company Name						U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Geocycle LLC 2175 Gardner Blvd Holly Hill, SC 29059</b>				U.S. EPA ID Number <b>SCD003368891</b>				
Facility's Phone: <b>(803) 488-1458</b>								
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>			1 TT		4976	G	D001 D018 D028 D035 D040
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>				Signature 		Month Day Year <b>18 12 13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>JOE COAD</b> Signature  Month Day Year <b>18 12 13</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____								
18. Discrepancy <b>Accepted 42100P-4387G</b>								
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H050</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name <b>Frances Derrick</b> Signature  Month Day Year <b>9 03 13</b>								

206357-78357

80A

Form Approved, OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

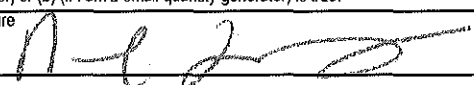
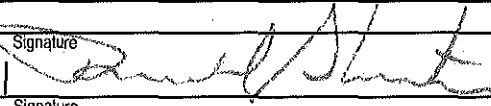
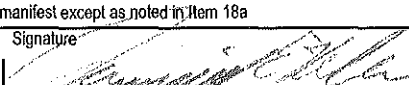
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581946 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richoy Street Pasadena, TX 77508</b>							
Generator's Phone: <b>803.840.5304</b> Attn:							
6. Transporter 1 Company Name <b>Sumter Transport Company</b>							
U.S. EPA ID Number <b>SCD987584778</b>							
7. Transporter 2 Company Name							
U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Geocycle LLC 2175 Gardner Blvd Holly Hill, SC 29059</b>							
U.S. EPA ID Number <b>SCD003368861</b>							
Facility's Phone: <b>(803) 498-1458</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>			1 <b>TT</b>		<b>5067</b>	<b>6</b>
	2.						
	3.						
	4.						
13. Waste Codes <b>D001 D018 D028 D035 D040</b>							
14. Special Handling Instructions and Additional Information <b>ERG# 128 Texas State Waste Code: FVGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Neal Londoza</b>							
Signature <b>[Signature]</b>							
Month Day Year <b>8 30 13</b>							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Shawn Smith</b>							
Signature <b>[Signature]</b>							
Month Day Year <b>8 30 13</b>							
Transporter 2 Printed/Typed Name							
Signature							
Month Day Year							
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
<b>Accepted 40,500P-4184G @</b>							
18b. Alternate Facility (if Generator) Manifest Reference Number: U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>4050</b> 2. 3. 4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Frances Dermick</b>							
Signature <b>[Signature]</b>							
Month Day Year <b>9 8 13</b>							

205815/78332

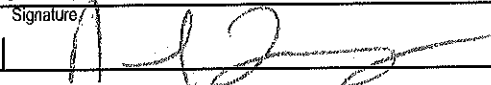
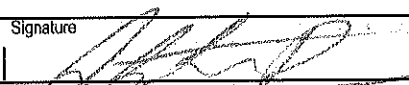
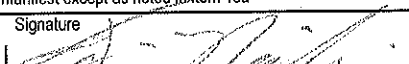
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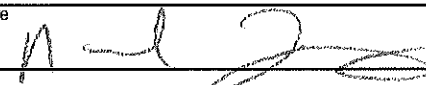
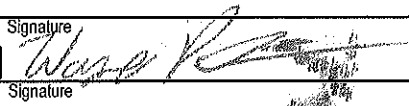
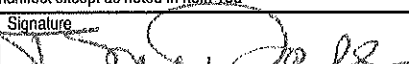
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581986 FLE</b>		
5. Generator's Name and Mailing Address <b>Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>			Generator's Site Address (if different than mailing address)				
Generator's Phone: <b>803.840.5304</b>			Attn:				
6. Transporter 1 Company Name <b>SPRINT</b>			U.S. EPA ID Number <b>TXR000080316</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Sprigg Street Cape Girardeau, MO 63701</b>			U.S. EPA ID Number <b>MO0081127319</b>				
Facility's Phone: <b>(573) 335-8878</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	1. <b>UN1003, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RC</b>	1	TT	4983	G	<div style="display: flex; justify-content: space-between;"> <div> <b>0001</b> <b>0035</b> </div> <div> <b>0015</b> <b>0040</b> </div> <div> <b>0025</b>  </div> </div>	
	2.						
	3.						
4.							
14. Special Handling Instructions and Additional Information <b>Texas State Waste Code: FVGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>			Signature 		Month Day Year <b>9   3   13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Ramond Campbell</b>			Signature 		Month Day Year <b>9   3   13</b>		
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: U.S. EPA ID Number							
18b. Alternate Facility (or Generator)							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H050</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Tim Neistein</b>			Signature 		Month Day Year <b>9   4   13</b>		

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<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581967 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>				Generator's Site Address (if different than mailing address) <b>Attn:</b>				
Generator's Phone: <b>803.840.5304</b>								
6. Transporter 1 Company Name <b>Sumter Transport Company</b>				U.S. EPA ID Number <b>8CDD067584778</b>				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Sprigg Street Cape Girardeau, MO 63701</b>				U.S. EPA ID Number <b>MO00061127318</b>				
Facility's Phone: <b>(573) 335-6878</b>								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type			0001	0018	0028
X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RO	1	TT	5220	G	0001	0018	0028
	2.					0039	0040	
	3.							
	4.							
14. Special Handling Instructions and Additional Information <b>CC-2151 ERM 128</b> <b>Texas State Waste Code: FVGP603H</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>				Signature 		Month Day Year <b>9 3 13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>RONALD SHORTER</b> Signature  Month Day Year <b>9 3 13</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____								
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residua <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number _____ 18b. Alternate Facility (or Generator) _____ Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H050</b> 2. _____ 3. _____ 4. _____								
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name <b>Juanita F. Keller</b> Signature  Month Day Year <b>9 7 13</b>								

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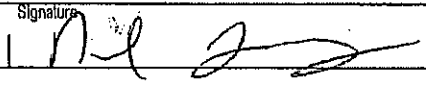
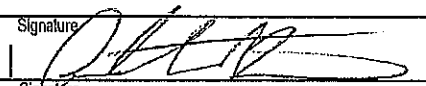
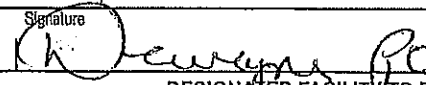
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581968 FLE</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77505</b>			Generator's Site Address (if different than mailing address)  <b>Attn:</b>			
Generator's Phone: <b>803.840.5304</b>						
6. Transporter 1 Company Name <b>Summa Transport Company Sprint</b>			U.S. EPA ID Number <b>TXR 000080316</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>			U.S. EPA ID Number <b>MOD181127319</b>			
Facility's Phone: <b>(573) 335-8878</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, M, RQ</b>	<b>1</b>	<b>TT</b>	<b>5167</b>	<b>G</b>	<b>0001 0018 0028</b> <b>0035 0040</b>
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>CG-2151</b> <b>Texas State Waste Code: FVGP603H</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>			Signature 		Month Day Year <b>9 4 13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Antonio Bell</b>			Signature 		Month Day Year <b>9 4 13</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____ U.S. EPA ID Number _____						
18b. Alternate Facility (or Generator)						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H050</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Jim Neisbein</b>			Signature 		Month Day Year <b>9 5 13</b>	

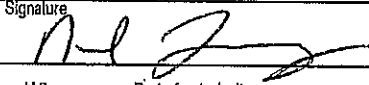

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581969 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>				Attn:			
6. Transporter 1 Company Name <b>Sunstar Transport Company</b>				803.775.1002		U.S. EPA ID Number <b>SC1987584778</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Sprigg Street Cape Girardeau, MO 63701</b>						U.S. EPA ID Number <b>MO081127319</b>	
Facility's Phone: <b>(573) 335-8878</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	<b>X</b>	<b>1LW1903, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RC</b>	<b>1</b>	<b>TT</b>	<b>5400</b>	<b>G</b>	<b>D001 D018 D028</b>
							<b>D035 D040</b>
14. Special Handling Instructions and Additional Information <b>CG-2151 ENCL 128</b>  <b>Texas State Waste Code: FVGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Natal Lonora</b>				Signature 		Month Day Year <b>9 5 13</b>	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: _____				
	Transporter signature (for exports only): _____		Date leaving U.S.: _____				
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Wayne Koston</b>				Signature 		Month Day Year <b>9 5 13</b>
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: <b>418</b>						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H000</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Bill Wallis</b>				Signature 		Month Day Year <b>9 6 13</b>	

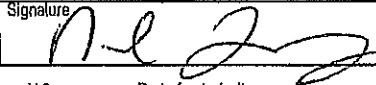

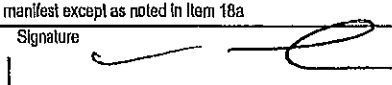


<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581868 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)				
Generator's Phone: <b>803.840.5304</b>				Attn:				
6. Transporter 1 Company Name <b><del>Sumter Transport Company</del> Sprint</b>				803.775.1002		U.S. EPA ID Number <b>TXR000080316</b> <del>SGD00758478</del>		
7. Transporter 2 Company Name						U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>						U.S. EPA ID Number		
Facility's Phone: <b>870.542.3880</b> <i>MA 3081</i>						<b>ARD081512270</b>		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes		
		No.	Type			D001	D018	D028
X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1	TT	5167	G	D001	D018	D028
	2.					D035	D040	
	3.							
	4.							
14. Special Handling Instructions and Additional Information <b>ACF 1229 ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <b>Neal Lonora</b>				Signature <i>[Signature]</i>		Month Day Year <b>198113</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.				Port of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>Ricardo Ramirez</b>				Signature <i>[Signature]</i>		Month Day Year <b>198113</b>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)				Month Day Year				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H050</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18e								
Printed/Typed Name <b>Doug Eyman</b>				Signature <i>[Signature]</i>		Month Day Year <b>199113</b>		

<b>HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>803.840.5304</b>		4. Manifest Tracking Number <b>006581869 FLE</b>					
		5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b> Generator's Phone: <b>803.840.5304</b>		Generator's Site Address (if different than mailing address) <b>Attn:</b>									
<b>GENERATOR</b>		6. Transporter 1 Company Name <b>Sprint</b> <del>Summit Transport Company</del>				803.775.1002		U.S. EPA ID Number <b>TXR000080316</b> <del>SGD007504718</del>					
		7. Transporter 2 Company Name						U.S. EPA ID Number					
<b>DESIGNATED FACILITY</b>		8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b> Facility's Phone: <b>870.542.3080</b>				U.S. EPA ID Number <b>ARD081512270</b>							
		9a. HM				9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity		12. Unit Wt./Vol.	
<b>GENERATOR</b>		<b>X</b>		<b>1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>		<b>1 TT</b>		<b>5495</b>		<b>G</b>		<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
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<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>												<b>D001 D018 D028</b>	
												<b>D035 D040</b>	
<b>GENERATOR</b>													

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581870 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>				Generator's Site Address (if different than mailing address) <b>Attn:</b>									
Generator's Phone: <b>803.840.5304</b>				U.S. EPA ID Number <b>TXR000080316</b>									
6. Transporter 1 Company Name <b>Sprint</b>				U.S. EPA ID Number <b>803.775.1002</b>									
7. Transporter 2 Company Name				U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number <b>ARD981512270</b>									
Facility's Phone: <b>870.542.3080</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4983</b>	<b>G</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
14. Special Handling Instructions and Additional Information <b>ERG# 128</b>  <b>Texas State Waste Code: FVGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>				Signature 		Month Day Year <b>9/9/13</b>							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name <b>Antonia Bell</b>				Signature 		Month Day Year <b>9/9/13</b>							
Transporter 2 Printed/Typed Name				Signature		Month Day Year							
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number:													
18b. Alternate Facility (or Generator) U.S. EPA ID Number													
Facility's Phone:													
18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H050</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>Dewane Polite</b>				Signature 		Month Day Year <b>9/10/13</b>							

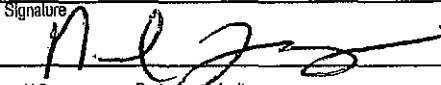
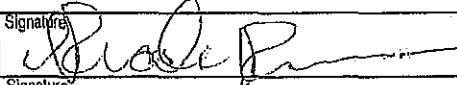

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581871 FLE</b>
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)		
Generator's Phone: <b>803.840.5304</b>			Attn:		
6. Transporter 1 Company Name <b>Sunder Transport Company</b>			803.775.1002		U.S. EPA ID Number <b>TXR000080316</b>
7. Transporter 2 Company Name					U.S. EPA ID Number
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>			U.S. EPA ID Number <b>ARD981512270</b>		
Facility's Phone: <b>870.542.8088-3081</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>5004</b>
					<b>G</b>
					13. Waste Codes
					<b>D001 D018 D028</b>
					<b>D035 D040</b>
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>		Signature 		Month Day Year <b>9 10 13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>Ricardo Ramirez</b>		Signature		Month Day Year <b>9 10 13</b>	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
18b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H050</b>		2.		3.	
				4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Alta Gt</b>		Signature 		Month Day Year <b>9 11 13</b>	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581872 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>					Generator's Site Address (if different than mailing address)								
Generator's Phone: <b>803.840.5304</b>					Attn:								
6. Transporter 1 Company Name <b>Bumter Transport Company</b>					U.S. EPA ID Number <b>TXR000080316</b>								
7. Transporter 2 Company Name					U.S. EPA ID Number								
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>					U.S. EPA ID Number <b>ARD981512270</b>								
Facility's Phone: <b>870.542.3080</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>5118</b>	<b>G</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>					Signature 		Month Day Year <b>9 10 13</b>						
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____												
	17. Transporter Acknowledgment of Receipt of Materials												
	Transporter 1 Printed/Typed Name <b>Ron Woodson</b>				Signature 		Month Day Year <b>9 10 13</b>						
	Transporter 2 Printed/Typed Name				Signature		Month Day Year						
DESIGNATED FACILITY	18. Discrepancy												
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
	Manifest Reference Number:												
	18b. Alternate Facility (or Generator) U.S. EPA ID Number												
	Facility's Phone:												
	18c. Signature of Alternate Facility (or Generator) Month Day Year												
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
	1. <b>H050</b>	2.	3.	4.									
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
	Printed/Typed Name <b>Doug Egnard</b>				Signature 		Month Day Year <b>9 11 13</b>						

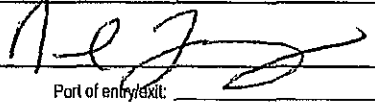
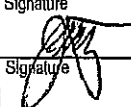
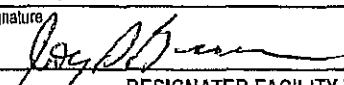
UNITED STATES HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581873 FLE</b>														
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>					Generator's Site Address (if different than mailing address)														
Generator's Phone: <b>803.840.5304</b>					Attn:														
6. Transporter 1 Company Name <b>Sumter Transport Company</b>					803.775.1002		U.S. EPA ID Number <b>TXR000080316</b> <b>SGD887584778</b>												
7. Transporter 2 Company Name					U.S. EPA ID Number														
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>					U.S. EPA ID Number <b>ARD981512270</b>														
Facility's Phone: <b>870.542.3084</b> ✓																			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes												
	X	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	1	TT	4821	# G	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>	D001	D018	D028	D035	D040							
	D001	D018	D028																
	D035	D040																	
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>																			
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.																			
Generator's/Officer's Printed/Typed Name: <b>Neal Lonoza</b> Signature: <i>[Signature]</i> Month: <b>9</b> Day: <b>11</b> Year: <b>13</b>																			
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Date leaving U.S.: _____																		
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>R. Campbell</b> Signature: <i>[Signature]</i> Month: <b>9</b> Day: <b>11</b> Year: <b>13</b> Transporter 2 Printed/Typed Name: _____      Signature: _____      Month: _____ Day: _____ Year: _____																		
TRANSPORTER	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____																		
	18b. Alternate Facility (or Generator)      U.S. EPA ID Number: _____																		
	Facility's Phone: _____																		
DESIGNATED FACILITY	18c. Signature of Alternate Facility (or Generator)      Month: _____ Day: _____ Year: _____																		
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H050</b> ✓      2. _____      3. _____      4. _____																		
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: <b>Timothy Howard</b> Signature: <i>[Signature]</i> Month: <b>9</b> Day: <b>12</b> Year: <b>13</b>																		

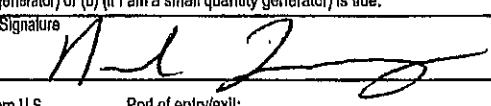
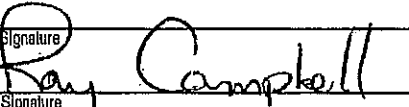
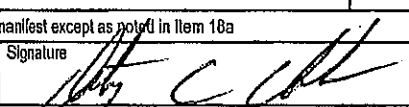


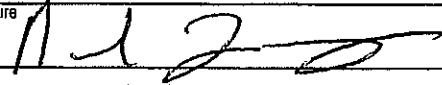
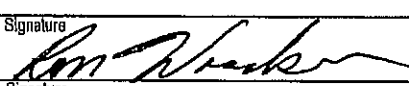
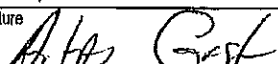
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581874 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>					Generator's Site Address (if different than mailing address)								
Generator's Phone: <b>803.840.5304</b>					Attn:								
6. Transporter 1 Company Name <b>Sprint</b>					U.S. EPA ID Number <b>TXR000080316</b>								
7. Transporter 2 Company Name					U.S. EPA ID Number <b>SCD887584778</b>								
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>					U.S. EPA ID Number <b>ARD981512270</b>								
Facility's Phone: <b>870.542.3606</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
	X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	1	TT	4802	G	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
		2.											
	3.												
	4.												
14. Special Handling Instructions and Additional Information <b>AG 1829 ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>					Signature 		Month Day Year <b>9 11 13</b>						
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
	Transporter signature (for exports only): _____												
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials												
	Transporter 1 Printed/Typed Name <b>Jaime Alvarez</b>					Signature 		Month Day Year <b>10 9 12 13</b>					
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name					Signature 		Month Day Year					
	18. Discrepancy												
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number: _____													
18b. Alternate Facility (or Generator)					U.S. EPA ID Number								
Facility's Phone: _____													
18c. Signature of Alternate Facility (or Generator)													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H050</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>Mark Aylor</b>					Signature 		Month Day Year <b>1 9 12 13</b>						

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>803.840.5304</b>		4. Manifest Tracking Number <b>006581875 FLE</b>																																																			
		5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b> Generator's Phone: <b>803.840.5304</b> <b>Attn:</b>																																																									
<b>GENERATOR</b>		6. Transporter 1 Company Name <b>Summer Transport Company</b> <b>Sprint</b> <b>803.775.1002</b>						U.S. EPA ID Number <b>TXR000080316</b>																																																			
		7. Transporter 2 Company Name						U.S. EPA ID Number																																																			
<b>TRANSPORTER</b>		8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b> Facility's Phone: <b>870.542.3080</b> ✓						U.S. EPA ID Number <b>ARD981512270</b>																																																			
		9a. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))						10. Containers		11. Total Quantity																																																	
<b>DESIGNATED FACILITY</b>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th rowspan="2">9a. HM</th> <th rowspan="2">9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))</th> <th colspan="2">10. Containers</th> <th rowspan="2">11. Total Quantity</th> <th rowspan="2">12. Unit WL/Vol.</th> <th colspan="3">13. Waste Codes</th> </tr> <tr> <th>No.</th> <th>Type</th> <th>D001</th> <th>D018</th> <th>D028</th> </tr> <tr> <td>X</td> <td>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</td> <td>1</td> <td>TT</td> <td>5220</td> <td>#</td> <td>D001</td> <td>D018</td> <td>D028</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>D035</td> <td>D040</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes			No.	Type	D001	D018	D028	X	UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1	TT	5220	#	D001	D018	D028							D035	D040																					
										9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes																																									
No.	Type	D001	D018	D028																																																							
X	UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1	TT	5220	#	D001	D018	D028																																																			
						D035	D040																																																				
<b>DESIGNATED FACILITY</b>		14. Special Handling Instructions and Additional Information <b>ERG# 128</b>																																																									
		15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.																																																									
<b>DESIGNATED FACILITY</b>		Generator's/Offeree's Printed/Typed Name <b>Neal Londra</b>						Signature 																																																			
		16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.						Month Day Year <b>9/12/13</b>																																																			
<b>DESIGNATED FACILITY</b>		17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Ricardo Ramirez</b>						Signature 																																																			
		Transporter 2 Printed/Typed Name						Month Day Year <b>9/12/13</b>																																																			
<b>DESIGNATED FACILITY</b>		18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection																																																									
		Manifest Reference Number:																																																									
<b>DESIGNATED FACILITY</b>		18b. Alternate Facility (or Generator)						U.S. EPA ID Number																																																			
		Facility's Phone:																																																									
<b>DESIGNATED FACILITY</b>		18c. Signature of Alternate Facility (or Generator)						Month Day Year <b>9/12/13</b>																																																			
		19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																																																									
<b>DESIGNATED FACILITY</b>		1. <b>H050</b> ✓		2.		3.		4.																																																			
		20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a																																																									
<b>DESIGNATED FACILITY</b>		Printed/Typed Name <b>Artur Gol</b>						Signature 																																																			
								Month Day Year <b>9/12/13</b>																																																			


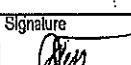

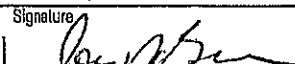
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of: <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581876 FLE</b>													
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>					Generator's Site Address (if different than mailing address)													
Generator's Phone: <b>803.840.5304</b>					Attn: _____													
6. Transporter 1 Company Name <b>Bunker Transport Company</b>					U.S. EPA ID Number <b>TXR000080316</b>													
7. Transporter 2 Company Name <i>Sprint</i>					U.S. EPA ID Number <b>90E00758478</b>													
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>					U.S. EPA ID Number <b>ARD981512270</b>													
Facility's Phone: <b>870.542.3080</b>																		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes										
				No.	Type													
				1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>							<b>1</b>	<b>TT</b>	<b>4876</b>	<b>G</b>	D001	D018	D028	
				D035	D040													
				2.														
3.																		
4.																		
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>Texas State Waste Code: FVGP03H</b>																		
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.																		
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>					Signature <i>Neal Lonoza</i>		Month Day Year <b>9/13/13</b>											
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____																		
17. Transporter Acknowledgment of Receipt of Materials																		
Transporter 1 Printed/Typed Name <b>Ray Campbell</b>					Signature <i>Ray Campbell</i>		Month Day Year <b>9/13/13</b>											
Transporter 2 Printed/Typed Name					Signature		Month Day Year											
18. Discrepancy																		
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection																		
Manifest Reference Number: _____																		
18b. Alternate Facility (or Generator) U.S. EPA ID Number _____																		
Facility's Phone: _____																		
18c. Signature of Alternate Facility (or Generator) Month Day Year																		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																		
1. <b>A0501</b>			2.		3.		4.											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a																		
Printed/Typed Name <b>Timothy Howard</b>					Signature <i>Timothy Howard</i>		Month Day Year <b>9/14/13</b>											

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581878 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>					Generator's Site Address (if different than mailing address)								
Generator's Phone: <b>803.840.5304</b>					Attn: <b>Sprint</b>								
6. Transporter 1 Company Name <del>Summa Transport Company</del>					U.S. EPA ID Number <b>TXR000080316</b>								
7. Transporter 2 Company Name					U.S. EPA ID Number								
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>					U.S. EPA ID Number <b>ARD981512270</b>								
Facility's Phone: <b>870.542.3080</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>5035</b>	<b>G</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"><b>D001</b></td> <td style="width:33%;"><b>D018</b></td> <td style="width:33%;"><b>D028</b></td> </tr> <tr> <td><b>D035</b></td> <td><b>D040</b></td> <td></td> </tr> </table>	<b>D001</b>	<b>D018</b>	<b>D028</b>	<b>D035</b>	<b>D040</b>	
	<b>D001</b>	<b>D018</b>	<b>D028</b>										
	<b>D035</b>	<b>D040</b>											
	2.												
	3.												
	4.												
14. Special Handling Instructions and Additional Information <b>AG#1829 ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offor's Printed/Typed Name <b>Neal Lanoza</b>					Signature 		Month Day Year <b>19 15 13</b>						
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name <b>Fairu Alvarez</b>					Signature 		Month Day Year <b>19 15 13</b>						
Transporter 2 Printed/Typed Name					Signature		Month Day Year						
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number:													
18b. Alternate Facility (or Generator) U.S. EPA ID Number													
Facility's Phone:													
18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H050</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>Joey Brewer</b>					Signature 		Month Day Year <b>19 15 13</b>						

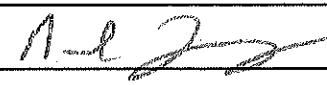
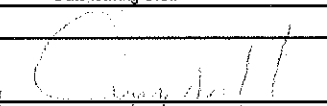
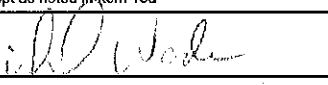
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581879 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)									
Generator's Phone: <b>803.840.5304</b>				Attn: <b>*</b>									
6. Transporter 1 Company Name <b>Sprint</b>				803.775.1002		U.S. EPA ID Number <b>TXR 000080316</b>							
7. Transporter 2 Company Name						U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71838</b>				U.S. EPA ID Number <b>ARD881512270</b>									
Facility's Phone: <b>870.542.3080</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>5138</b>	<b>G</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;"><b>D001</b></td> <td style="width:33%;"><b>D018</b></td> <td style="width:33%;"><b>D028</b></td> </tr> <tr> <td><b>D035</b></td> <td><b>D040</b></td> <td></td> </tr> </table>	<b>D001</b>	<b>D018</b>	<b>D028</b>	<b>D035</b>	<b>D040</b>	
	<b>D001</b>	<b>D018</b>	<b>D028</b>										
	<b>D035</b>	<b>D040</b>											
14. Special Handling Instructions and Additional Information <b>AG#1829 ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>				Signature 		Month Day Year <b>19 16 13</b>							
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.			Port of entry/exit:									
	Transporter signature (for exports only):			Date leaving U.S.:									
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials												
	Transporter 1 Printed/Typed Name <b>Ray Campbell</b>			Signature 		Month Day Year <b>19 16 13</b>							
TRANSPORTER	Transporter 2 Printed/Typed Name			Signature		Month Day Year							
DESIGNATED FACILITY	18. Discrepancy												
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
	Manifest Reference Number:												
	18b. Alternate Facility (or Generator) U.S. EPA ID Number												
	Facility's Phone:												
DESIGNATED FACILITY	18c. Signature of Alternate Facility (or Generator)						Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H050</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>Anthony C Anderson</b>				Signature 		Month Day Year <b>12 17 13</b>							

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581880 FLE</b>					
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>				Generator's Site Address (if different than mailing address)						
Generator's Phone: <b>803.840.5304</b>				Attn: <b>Sprint</b>						
6. Transporter 1 Company Name <del>Standard Transport Company</del>				U.S. EPA ID Number <b>TXR000080316</b>		803.775.1002				
7. Transporter 2 Company Name				U.S. EPA ID Number						
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number <b>ARD981512270</b>						
Facility's Phone: <b>870.542.3080</b>										
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
				No.	Type					
				1	TT	5406	G	D001	D018	D028
								D035	D040	
X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>									
	2.									
	3.									
	4.									
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>Texas State Waste Code: FVGP603H AG 18Q?</b>										
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Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>				Signature 				Month Day Year <b>9 17 13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name <b>Ron Woodson</b>				Signature 				Month Day Year <b>9 17 13</b>		
Transporter 2 Printed/Typed Name				Signature				Month Day Year		
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
Manifest Reference Number:										
18b. Alternate Facility (or Generator) U.S. EPA ID Number										
Facility's Phone:										
18c. Signature of Alternate Facility (or Generator) Month Day Year										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>A050</b>			2.			3.			4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name <b>Alta Gest</b>				Signature 				Month Day Year <b>9 18 13</b>		

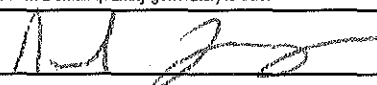

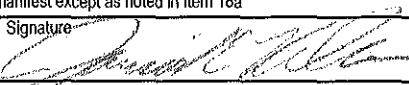


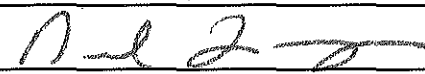

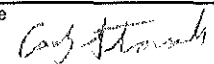
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581881 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)									
Generator's Phone: <b>803.840.5304</b>				Attn: <b>Sprint</b>		U.S. EPA ID Number <b>TX2000080316</b>							
6. Transporter 1 Company Name <b>Sundar Transport Company</b>				803.775.1002		U.S. EPA ID Number <b>SE00755478</b>							
7. Transporter 2 Company Name				U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number <b>ARD981512270</b>									
Facility's Phone: <b>870.542.3080</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4425</b>	<b>9</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>Texas State Waste Code: FV6P603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>				Signature 		Month Day Year <b>19 17 13</b>							
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
	17. Transporter Acknowledgment of Receipt of Materials												
TRANSPORTER	Transporter 1 Printed/Typed Name <b>Jaimie Alvarez</b>				Signature 		Month Day Year <b>19 17 13</b>						
	Transporter 2 Printed/Typed Name				Signature 		Month Day Year						
DESIGNATED FACILITY	18. Discrepancy												
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
	Manifest Reference Number:												
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number								
	Facility's Phone:												
18c. Signature of Alternate Facility (or Generator)													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H050</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>Joey Brewer</b>				Signature 		Month Day Year <b>19 18 13</b>							

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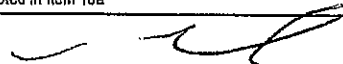
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of 1	3. Emergency Response Phone <b>803.840.5204</b>	4. Manifest Tracking Number <b>006581970 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>			Generator's Site Address (if different than mailing address)										
Generator's Phone: <b>803.840.5204</b>			Attn:										
6. Transporter 1 Company Name <del>United Transport Service</del> <b>Sprint</b>			U.S. EPA ID Number <del>TXR000080316</del>										
7. Transporter 2 Company Name			U.S. EPA ID Number										
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>			U.S. EPA ID Number <b>MOD051127310</b>										
Facility's Phone: <b>(573) 335-8878</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes							
			No.	Type									
	X	1. <b>UN1003 waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, PO</b>	1	TT	5188	G	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">0001</td> <td style="width: 33%;">0018</td> <td style="width: 33%;">0028</td> </tr> <tr> <td>0035</td> <td>0040</td> <td></td> </tr> </table>	0001	0018	0028	0035	0040	
	0001	0018	0028										
	0035	0040											
	2.												
	3.												
	4.												
14. Special Handling Instructions and Additional Information <b>CC-2151</b>  <b>Texas State Waste Code: FVGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offlor's Printed/Typed Name <b>Neal Lonora</b>			Signature 		Month Day Year <b>9 18 13</b>								
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name <b>Kay Campbell</b>			Signature 		Month Day Year <b>9 19 13</b>								
Transporter 2 Printed/Typed Name			Signature		Month Day Year								
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number: _____													
18b. Alternate Facility (or Generator) U.S. EPA ID Number													
Facility's Phone: _____													
18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H050</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>MICHAEL WADE</b>			Signature 		Month Day Year <b>9 20 13</b>								

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<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581971 FLE</b>
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)  <b>Attn:</b>		
Generator's Phone: <b>803.840.5304</b>					
6. Transporter 1 Company Name <b>Sprint</b>			U.S. EPA ID Number <b>TXR000080316</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>			U.S. EPA ID Number  <b>MO0001127319</b>		
Facility's Phone: <b>(573) 335-8878</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	
	X	<b>UN1983, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, PO</b>	1	TT	4720
					12. Unit WL/Vol. <b>G</b>
					13. Waste Codes <b>0001 0018 0028 0035 0040</b>
14. Special Handling Instructions and Additional Information <b>CO-2151 EPC 128</b>  <b>Texas State Waste Code: FVGP603H</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>		Signature 		Month Day Year <b>9 19 13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>Ricardo Ramirez</b>		Signature 		Month Day Year <b>9 19 13</b>	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>UN1983 4720 G VOLUME EMPTY</b>					
Manifest Reference Number: _____					
18b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H050</b>		2.		3.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Jeremiah E Keller</b>		Signature 		Month Day Year <b>9 20 13</b>	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of 1	3. Emergency Response Phone <b>803.840.8304</b>	4. Manifest Tracking Number <b>006581972 FLE</b>							
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)									
Generator's Phone: <b>803.840.8304</b>			Attn:									
6. Transporter 1 Company Name <b><del>Waste Transport Company</del> Sprint</b>			U.S. EPA ID Number <b>TXR 600080316</b>									
7. Transporter 2 Company Name			U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>			U.S. EPA ID Number <b>MO0481127319</b>									
Facility's Phone: <b>(573) 335-8878</b>												
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene) 3, III, RQ</b>	1	TT	4948	G	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">DX01</td> <td style="width:33%;">DX18</td> <td style="width:33%;">DX28</td> </tr> <tr> <td>DX35</td> <td>DX40</td> <td></td> </tr> </table>	DX01	DX18	DX28	DX35	DX40	
	DX01	DX18	DX28									
	DX35	DX40										
	2.											
3.												
4.												
14. Special Handling Instructions and Additional Information <b>00-2151</b>												
<h2 style="margin: 0;">Texas State Waste Code: FVGP603H</h2>												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>			Signature 		Month Day Year <b>9 22 13</b>							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
17. Transporter Acknowledgment of Receipt of Materials												
Transporter 1 Printed/Typed Name <b>Ricardo Ramirez</b>			Signature 		Month Day Year <b>9 22 13</b>							
Transporter 2 Printed/Typed Name			Signature		Month Day Year							
18. Discrepancy												
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
Manifest Reference Number: _____												
18b. Alternate Facility (or Generator) U.S. EPA ID Number												
Facility's Phone: _____												
18c. Signature of Alternate Facility (or Generator) Month Day Year												
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. <b>H050</b>		2.		3.		4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name <b>Cody Stovall</b>			Signature 		Month Day Year <b>9 24 13</b>							

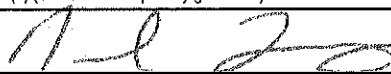
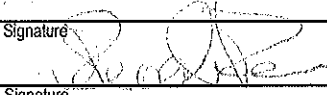
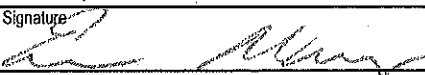
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581882 FLE</b>						
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)							
Generator's Phone: <b>803.840.5304</b>				Attn:							
6. Transporter 1 Company Name <b>Sprint</b>				803.775.1002		U.S. EPA ID Number <b>TXR000080316</b>					
7. Transporter 2 Company Name						U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number <b>ARD981512270</b>							
Facility's Phone: <b>870.542.3080</b>											
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
				No.	Type						
X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>			1	TT	5035	G	D001	D018	D028	
	2.										
	3.										
	4.										
	5.										
14. Special Handling Instructions and Additional Information <b>AC #1829</b> <b>ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offeror's Printed/Typed Name <b>Neal Londra</b>					Signature <i>[Signature]</i>		Month Day Year <b>9 23 13</b>				
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name <b>Faimi Alvarez</b>					Signature <i>[Signature]</i>		Month Day Year <b>9 23 13</b>				
Transporter 2 Printed/Typed Name					Signature		Month Day Year				
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number:											
18b. Alternate Facility (or Generator) U.S. EPA ID Number											
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator) Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>H059</b>			2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name <b>Doug Eyraud</b>					Signature <i>[Signature]</i>		Month Day Year <b>9 23 13</b>				

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of 1 <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581883 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)									
Generator's Phone: <b>803.840.5304</b>				Attn:									
6. Transporter 1 Company Name <b>Sunier Transport Company</b>				803.775.1002		U.S. EPA ID Number <b>TXR 00008D316</b>							
7. Transporter 2 Company Name						U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number <b>ARD981512270</b>									
Facility's Phone: <b>870.542.3080</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4856</b>	<b>G</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
14. Special Handling Instructions and Additional Information <b>AG1829</b> <b>ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>													
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Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>				Signature 		Month Day Year <b>9 23 13</b>							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name <b>L. P. Abshur</b>				Signature 		Month Day Year <b>9 23 13</b>							
Transporter 2 Printed/Typed Name				Signature		Month Day Year							
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number:													
Facility's Phone:													
18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H050</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a													
Printed/Typed Name <b>Doug Egnard</b>				Signature 		Month Day Year <b>9 25 13</b>							

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581973 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)  <b>Attn:</b>					
Generator's Phone: <b>803.840.0304</b>								
6. Transporter 1 Company Name <b>Sundor Transport Company Sprint</b>			803.775.1002		U.S. EPA ID Number <b>TXR0000 80216</b>			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>					U.S. EPA ID Number  <b>MO0381127319</b>			
Facility's Phone: <b>(573) 335-8876</b>								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type			0001	0018	0028
X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RC	1	TT	4983	6	0035	0040	
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information <b>TXR-2151 Page 1 of 2</b>  <b>Texas State Waste Code: FV6P603H</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>		Signature <i>Neal Lonoza</i>			Month <b>9</b>	Day <b>24</b>	Year <b>13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>KIRTHOLE GRIFFITH</b>		Signature <i>Kirthole Griffith</i>			Month <b>9</b>	Day <b>24</b>	Year <b>13</b>	
Transporter 2 Printed/Typed Name		Signature			Month	Day	Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:						U.S. EPA ID Number		
18b. Alternate Facility (or Generator)								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)						Month	Day	Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>4050</b>	2.	3.	4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>John Heisserer</b>		Signature <i>John Heisserer</i>			Month <b>9</b>	Day <b>25</b>	Year <b>13</b>	



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of 1	3. Emergency Response Phone <b>803.840.5314</b>	4. Manifest Tracking Number <b>006581974 FLE</b>
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)		
Generator's Phone: <b>803.840.5314</b>			Attn:		
6. Transporter 1 Company Name <del>Sprint Transport Company</del> <b>Sprint</b>			U.S. EPA ID Number <del>803.775.1002</del> <b>TXR000080316</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Lone Star Industries 2324 South Spring Street Cape Girardeau, MO 63701</b>			U.S. EPA ID Number <b>MOD081127319</b>		
Facility's Phone: <b>(573) 335-8878</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	
	X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RO	1	TT	5188
		2.			
		3.			
		4.			
13. Waste Codes					
					D001 D018 D028 D025 D040
14. Special Handling Instructions and Additional Information <b>CG-2151 ERM 128</b> <b>Texas State Waste Code: FVGP603H</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offoror's Printed/Typed Name		Signature		Month Day Year	
<b>Neal Lonoza</b>				<b>9 25 13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name		Signature		Month Day Year	
<b>Fairnie Alvarez</b>				<b>9 25 13</b>	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue; <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
18b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator)			Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H050</b>		2.		3.	
				4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a.					
Printed/Typed Name		Signature		Month Day Year	
<b>Jeremiah F Keller</b>				<b>9 26 13</b>	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581975 FLE</b>						
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>		Generator's Site Address (if different than mailing address)									
Generator's Phone: <b>803.840.5304</b>		Attn:									
6. Transporter 1 Company Name <b>Sprint</b>		U.S. EPA ID Number <b>TX R2000080316</b>									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Sprigg Street Cape Girardeau, MO 63701</b>		U.S. EPA ID Number <b>MO0881127318</b>									
Facility's Phone: <b>(573) 335-8878</b>											
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) <b>1 UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RO</b>			10. Containers		11. Total Quantity <b>5113</b>	12. Unit Wt./Vol. <b>6</b>	13. Waste Codes <b>0001 0018 0025 0035 0040</b>			
				No.	Type						
				<b>1</b>	<b>TT</b>						
14. Special Handling Instructions and Additional Information <b>CG-2151</b>  <b>Texas State Waste Code: FVGP603H</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>				Signature 		Month <b>9</b>		Day <b>25</b>		Year <b>13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name <b>Ricardo Ramirez</b>				Signature 		Month <b>9</b>		Day <b>25</b>		Year <b>13</b>	
Transporter 2 Printed/Typed Name				Signature		Month		Day		Year	
18. Discrepancy											
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number:											
18b. Alternate Facility (or Generator) U.S. EPA ID Number											
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator) Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>H050</b>		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name <b>Eric Massey</b>				Signature 		Month <b>09</b>		Day <b>26</b>		Year <b>13</b>	

LC 1058796

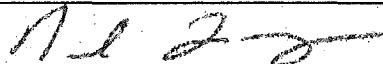
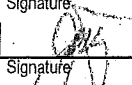
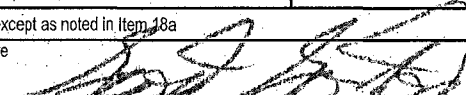
Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of 1	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581976 FLE</b>						
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>		Generator's Site Address (if different than mailing address) <b>Attn:</b>									
Generator's Phone: <b>803.840.5304</b>											
6. Transporter 1 Company Name <b>Quantum Transport Company</b>		<b>Sprint</b>		803.775.1002		U.S. EPA ID Number <b>TXR000080316</b>					
7. Transporter 2 Company Name						U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Sprigg Street Cape Girardeau, MO 63701</b>						U.S. EPA ID Number <b>MOD681127319</b>					
Facility's Phone: <b>(573) 336-8878</b>											
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes			
				No. Type							
	1. <b>UN1093, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, PO</b>			1		TT	<b>4390</b>	<b>NY</b>	<b>D001</b>	<b>D018</b>	<b>D028</b>
	2.						<b>4770</b>		<b>D036</b>	<b>D040</b>	
	3.										
4.											
14. Special Handling Instructions and Additional Information <b>CG-2151 EPA-128</b> <b>Texas State Waste Code: FVGP603H</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>				Signature 			Month Day Year <b>9 26 13</b>				
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____											
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>DAMON D. McMAHON</b> Signature Month Day Year <b>9 26 13</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____											
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number _____ 18b. Alternate Facility (or Generator) _____ Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H050</b> 2. _____ 3. _____ 4. _____											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Josh Foster</b> Signature Month Day Year <b>9 26 13</b>											

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number TXR000051540	2. Page 1 of 1	3. Emergency Response Phone 803.840.5304	4. Manifest Tracking Number 006581977 FLE								
5. Generator's Name and Mailing Address US Oil Recovery 400 North Richey Street Pasadena, TX 77505 Generator's Phone: 803.840.5304				Generator's Site Address (if different than mailing address) Attn:									
6. Transporter 1 Company Name Sprinter 803.775.1002				U.S. EPA ID Number TXR000080316									
7. Transporter 2 Company Name				U.S. EPA ID Number									
8. Designated Facility Name and Site Address Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701 Facility's Phone: (573) 335-8878				U.S. EPA ID Number MOD081127319									
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes							
X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RC	1		4983	6	<table border="1"> <tr> <td>0001</td> <td>0018</td> <td>0028</td> </tr> <tr> <td>0035</td> <td>0040</td> <td></td> </tr> </table>		0001	0018	0028	0035	0040	
0001	0018	0028											
0035	0040												
	2.												
	3.												
	4.												
14. Special Handling Instructions and Additional Information CG 2151 Texas State Waste Code: FVGP603H													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name Neal Lonoza		Signature Neal Lonoza		Month 9		Day 27							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit:		Date leaving U.S.:									
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name Bob Smith		Signature Bob Smith		Month 9		Day 27							
Transporter 2 Printed/Typed Name		Signature		Month		Day							
18. Discrepancy													
18a. Discrepancy Indication Space UN1993 4514 6A STABLE EMPTY		<input checked="" type="checkbox"/> Quantity		<input type="checkbox"/> Type		<input type="checkbox"/> Residue							
		<input type="checkbox"/> Partial Rejection		<input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator)				U.S. EPA ID Number									
Facility's Phone:													
18c. Signature of Alternate Facility (or Generator)				Month 9									
				Day 28									
				Year 13									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. 1050		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name Dan Lueckers		Signature Dan Lueckers		Month 9		Day 28							
				Year 13									

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581978 FLE</b>
5. Generator's Name and Mailing Address <b>CS On Recovery 400 North Fitchey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address) <b>Attn:</b>		
Generator's Phone: <b>803.840.5304</b>					
6. Transporter 1 Company Name <del>Bunker Transport Company</del> <b>Sprint</b>			U.S. EPA ID Number <b>803.775.1002</b> <b>TXR00000316</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Sprigg Street Cape Girardeau, MO 63701</b>			U.S. EPA ID Number <b>MO0081127319</b>		
Facility's Phone: <b>(573) 335-8878</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RC</b>	<b>1</b>	<b>TT</b>	<b>4835 G</b>
					13. Waste Codes
					<b>D001 D018 D028</b>
					<b>D035 D040</b>
14. Special Handling Instructions and Additional Information <b>CS-2151</b> <b>Texas State Waste Code: FVGP603H</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name		Signature		Month Day Year	
<b>Neal Lomza</b>		<b>11-2-13</b>		<b>11/29/13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name		Signature		Month Day Year	
<b>Ricardo Ramirez</b>		<b>11/29/13</b>		<b>11/29/13</b>	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number: _____					
18b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator)			Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H050</b>		2.		3.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name		Signature		Month Day Year	
<b>Josh Foster</b>		<b>Josh Foster</b>		<b>12/30/13</b>	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581979 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address) <b>Attn:</b>									
Generator's Phone: <b>803.840.5304</b>													
6. Transporter 1 Company Name <del>Summit Transport Company</del> <b>Sprint</b>				U.S. EPA ID Number <del>8600010476</del> <b>TXR000080316</b>									
7. Transporter 2 Company Name				U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Sprigg Street Cape Girardeau, MO 63701</b>				U.S. EPA ID Number <b>MO1001127319</b>									
Facility's Phone: <b>(573) 335-8878</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	X	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	1	TT	4711	G	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">0001</td> <td style="width:33%;">0018</td> <td style="width:33%;">0028</td> </tr> <tr> <td>0035</td> <td>0040</td> <td></td> </tr> </table>	0001	0018	0028	0035	0040	
	0001	0018	0028										
	0035	0040											
14. Special Handling Instructions and Additional Information <b>CG-2151 EPC 128</b>  <b>Texas State Waste Code: FV6P603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>				Signature 		Month Day Year <b>9 29 13</b>							
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____												
	Transporter signature (for exports only): _____ Date leaving U.S.: _____												
	17. Transporter Acknowledgment of Receipt of Materials												
	Transporter 1 Printed/Typed Name <b>Jaime Alvarez</b>				Signature 		Month Day Year <b>9 29 13</b>						
	Transporter 2 Printed/Typed Name				Signature		Month Day Year						
DESIGNATED FACILITY	18. Discrepancy												
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
	Manifest Reference Number: _____												
	18b. Alternate Facility (or Generator) U.S. EPA ID Number												
	Facility's Phone: _____												
	18c. Signature of Alternate Facility (or Generator) Month Day Year												
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H250</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>Scott Bertol</b>				Signature 		Month Day Year <b>9 30 13</b>							

TX#084-TR-49AV.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.3304</b>	4. Manifest Tracking Number <b>006581981 FLE</b>
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)  <b>Attn:</b>		
Generator's Phone: <b>803.840.3304</b>					
6. Transporter 1 Company Name <b>Sprint</b>			U.S. EPA ID Number <b>TXR000080316</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>			U.S. EPA ID Number <b>MOD081127319</b>		
Facility's Phone: <b>(573) 335-8878</b>					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
	1. <b>UN1903, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	1	TT	5073	G
	2.				
	3.				
	4.				
13. Waste Codes					
14. Special Handling Instructions and Additional Information <b>CC-2151</b>  <b>Texas State Waste Code: FVGP603H</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>			Signature <b>Neal Lonoza</b>		Month Day Year <b>9/30/13</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>Jonathan Brooks</b>			Signature <b>Jonathan Brooks</b>		Month Day Year <b>9/30/13</b>
Transporter 2 Printed/Typed Name			Signature		Month Day Year
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number: _____					
18b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H50</b>	2.	3.	4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Josh Foster</b>			Signature <b>Josh Foster</b>		Month Day Year <b>10/1/13</b>



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581982 FLE</b>
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)		
Generator's Phone: <b>803.840.5304</b>			Attn:		
6. Transporter 1 Company Name <b>Summit Transport Company Sprint</b>			U.S. EPA ID Number <b>TXR000080316</b>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>			U.S. EPA ID Number <b>MOD081127319</b>		
Facility's Phone: <b>(573) 335-8878</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	1	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene) 3, M, RC</b>	1	TT	4856
	2				
	3				
4					
13. Waste Codes					
14. Special Handling Instructions and Additional Information <b>CG-2151 EPC-126</b>  <b>Texas State Waste Code: FVGP603H</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>			Signature <i>Neal Lonoza</i>		Month Day Year <b>9 30 13</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>Ron Wooden</b>			Signature <i>Ron Wooden</i>		Month Day Year <b>9 30 13</b>
Transporter 2 Printed/Typed Name			Signature		Month Day Year
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
18b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator)					
Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H050</b>	2.	3.	4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Josh Foster</b>			Signature <i>Josh Foster</i>		Month Day Year <b>10 1 13</b>

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581983 FLE</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>			Attn:			
6. Transporter 1 Company Name <del>Sumter Transport Company</del> <b>Sprint</b>			803.775.1002		U.S. EPA ID Number <b>TXR000080316</b> <del>803.887.52776</del>	
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>			U.S. EPA ID Number <b>MO0061127319</b>			
Facility's Phone: <b>(573) 335-8878</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1 11		4631 4645 G		0001 0018 0028 0035 0040
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>CG-2151 EPC-128</b>  <b>Texas State Waste Code: FVGP603H</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>		Signature <i>Neal Lonoza</i>		Month Day Year <b>10 01 13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Pete Corabito</b>		Signature <i>Pete Corabito</i>		Month Day Year <b>10 1 13</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)				Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H050</b>	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Frank C. Bertramo</b>		Signature <i>Frank C. Bertramo</i>		Month Day Year <b>10 02 13</b>		

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581984 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Pinyon Street Pasadena, TX 77508</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>				Attn: <b>1</b>			
6. Transporter 1 Company Name <b>Sprint</b>				U.S. EPA ID Number <b>TXR000080316</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>				U.S. EPA ID Number <b>MOD081127319</b>			
Facility's Phone: <b>(573) 335-6878</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	<b>X</b>	<b>1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, PO</b>	<b>1</b>	<b>TT</b>	<b>4930</b>	<b>G</b>	<b>D001 D018 D028 D035 D040</b>
14. Special Handling Instructions and Additional Information <b>CG-2151 EPC 124 Texas State Waste Code: FUGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>				Signature <i>Neal Lonoza</i>		Month Day Year <b>10 01 13</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Robert Harper</b>				Signature <i>Robert Harper</i>		Month Day Year <b>10 1 13</b>
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, PO</b>						
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____						
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator) Month Day Year _____ _____ _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H050</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Cody Storn</b>				Signature <i>Cody Storn</i>		Month Day Year <b>10 2 13</b>	

UNIFORM HAZARDOUS  
WASTE MANIFEST

1. Generator ID Number

TXR000051540

2. Page 1 of 1

3. Emergency Response Phone

803.840.5304

4. Manifest Tracking Number

006582013 FLE

5. Generator's Name and Mailing Address

US Oil Recovery  
400 North Richey Street  
Pasadena, TX 77508

Generator's Site Address (if different than mailing address)

Generator's Phone:

803.840.5304

Attn:

6. Transporter 1 Company Name

Sprint

803.775.1002

U.S. EPA ID Number

803.840.5304

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Lone Star Industries  
2524 South Spring Street  
Cape Girardeau, MO 63701

U.S. EPA ID Number

Facility's Phone:

(573) 335-8878

MOD081127319

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1	TT	4892	61	0001	0018	0028
						0035	0040	

14. Special Handling Instructions and Additional Information

CG-2151

BCL 126

Texas State Waste Code: FVGP603H

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offor's Printed/Typed Name

Neal Lomora

Signature

[Signature]

Month Day Year

10 2 13

16. International Shipments

☐ Import to U.S.☐ Export from U.S.

Port of entry/exit:

Transporter signature (for exports only):

Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Ricardo Ramirez

Signature

[Signature]

Month Day Year

10 2 13

Transporter 2 Printed/Typed Name

Signature

Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space:

☒ Quantity☐ Type☐ Residue☐ Partial Rejection☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H20	2.	3.	4.
--------	----	----	----

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name

Cody Stowall

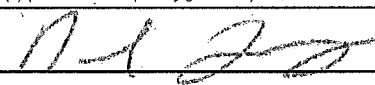
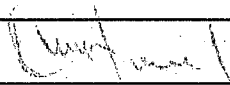
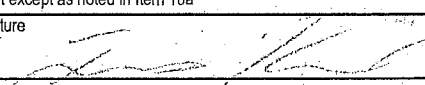
Signature

[Signature]

Month Day Year

10 3 13

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006582014 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>				Attn:			
6. Transporter 1 Company Name <b>Summit Transport Company</b>				U.S. EPA ID Number <b>SCD047534778</b>		U.S. EPA ID Number <b>TXR000080316</b>	
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Sprigg Street Cape Girardeau, MO 63701</b>				U.S. EPA ID Number <b>MO0981127319</b>			
Facility's Phone: <b>(573) 335-8878</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name; Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	<b>X</b>	<b>UN1203, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RC</b>	<b>1</b>	<b>TT</b>	<b>4655</b>	<b>6</b>	<b>0001 0018 0028 0035 0040</b>
14. Special Handling Instructions and Additional Information <b>66-2151 502-123</b>  <b>Texas State Waste Code: FVGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Neal Lomora</b>				Signature <b>Neal Lomora</b>		Month Day Year <b>10   2   13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Faimi Alvarez</b>				Signature <b>Faimi Alvarez</b>		Month Day Year <b>10   02   13</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H050</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a.							
Printed/Typed Name <b>Cody Stovall</b>				Signature <b>Cody Stovall</b>		Month Day Year <b>10   3   13</b>	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006582015 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>				Generator's Site Address (if different than mailing address)  <b>Attn:</b>			
Generator's Phone: <b>803.840.5304</b>							
6. Transporter 1 Company Name <del>Summit Transport Company</del> <b>Sprint</b>				U.S. EPA ID Number <del>865001584778</del> <b>TXR000080316</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Sprigg Street Cape Girardeau, MO 63701</b>				U.S. EPA ID Number  <b>MO0001127319</b>			
Facility's Phone: <b>(573) 335-8378</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, PG</b>	<b>1</b>	<b>TT</b>	<b>4575</b>	<b>G</b>	<b>0001 0018 0028</b> <b>0035 0040</b>
14. Special Handling Instructions and Additional Information <b>06-2151 ER-9112</b>  <b>Texas State Waste Code: FVGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>Neal Lohora</b>				Signature 		Month Day Year <b>10   2   13</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Lone Star Industries</b>				Signature 		Month Day Year <b>10   02   13</b>
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>1030</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Travis Kessel</b>				Signature 		Month Day Year <b>10   3   13</b>	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581985 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>				Attn:			
6. Transporter 1 Company Name <b>United Transport Company Sprint</b>				U.S. EPA ID Number <b>SC0000080316</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>				U.S. EPA ID Number <b>MOD001127319</b>			
Facility's Phone: <b>(573) 335-8878</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	X	<b>1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RG</b>	1	TT	4802	G	0001 0018 0028 0035 0040
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>CO-2151</b> <b>Texas State Waste Code: FVGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name <b>Neal Lonora</b>				Signature <i>Neal Lonora</i>		Month Day Year <b>10 3 13</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Ron Woodson</b>				Signature <i>Ron Woodson</i>		Month Day Year <b>10 3 13</b>
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator)						Month Day Year
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. <b>H050</b>	2.	3.	4.			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
	Printed/Typed Name <b>Cody Stovall</b>				Signature <i>Cody Stovall</i>		Month Day Year <b>10 4 13</b>



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581986 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)									
Generator's Phone: <b>803.840.5304</b>				Attn: _____									
6. Transporter 1 Company Name <b>Sprint</b>				U.S. EPA ID Number <b>TXR000080316</b>									
7. Transporter 2 Company Name				U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>				U.S. EPA ID Number <b>MOD001127319</b>									
Facility's Phone: <b>(573) 335-8878</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RC</b>	<b>1</b>	<b>TT</b>	<b>4906</b>	<b>G</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
14. Special Handling Instructions and Additional Information <b>CC-2151 EPA 128</b> <b>Texas State Waste Code: FVGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>				Signature <b>Neal Lonoza</b>		Month Day Year <b>11/03/13</b>							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name <b>Jonathan Brooks</b>				Signature <b>Jonathan Brooks</b>		Month Day Year <b>11/03/13</b>							
Transporter 2 Printed/Typed Name				Signature		Month Day Year							
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number: _____													
18b. Alternate Facility (or Generator) U.S. EPA ID Number													
Facility's Phone: _____													
18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H050</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>Daniel Prieto</b>				Signature <b>Daniel Prieto</b>		Month Day Year <b>10/14/13</b>							

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581987 FLE</b>					
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)						
Generator's Phone: <b>803.840.5304</b>				Attn:						
6. Transporter 1 Company Name <b>Sprint</b>				803.775.1002		U.S. EPA ID Number <b>80298762476</b> <b>TXR600080216</b>				
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>						U.S. EPA ID Number <b>MO0881127319</b>				
Facility's Phone: <b>(573) 335-8878</b>										
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) <b>1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene) , 3, III, PG</b>			10. Containers		11. Total Quantity <b>4350</b>	12. Unit Wt./Vol. <b>G</b>	13. Waste Codes <b>0001 0018 0028 0035 0040</b>		
				No. Type						
				<b>1 TT</b>						
14. Special Handling Instructions and Additional Information <b>CC-2151 8403 128</b> <b>Texas State Waste Code: FVGP603H</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offero's Printed/Typed Name <b>Neal Lomora</b> Signature <b>Neal Lomora</b> Month <b>10</b> Day <b>3</b> Year <b>13</b>										
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name <b>William Hall</b> Signature <b>William Hall</b> Month <b>10</b> Day <b>3</b> Year <b>13</b>										
Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____										
18. Discrepancy										
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>UN1993, 4909 PG</b>										
Manifest Reference Number: _____										
18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____										
Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H050</b> 2. _____ 3. _____ 4. _____										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name <b>Don Lueders</b> Signature <b>Don Lueders</b> Month <b>10</b> Day <b>4</b> Year <b>13</b>										

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of 1	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581988 FLE</b>		
5. Generator's Name and Mailing Address <b>US ON Recovery 400 North Richey Street Pasadena, TX 77508</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>				Attn:			
6. Transporter 1 Company Name <b>Burner Transport Company Sprint</b>				U.S. EPA ID Number <b>TXR000080316</b>		U.S. EPA ID Number	
7. Transporter 2 Company Name				U.S. EPA ID Number		U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>				U.S. EPA ID Number <b>MO00061127319</b>		U.S. EPA ID Number	
Facility's Phone: <b>(573) 335-0878</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3. III, RO</b>			1		4712	#
	2.						6
	3.						
	4.						
13. Waste Codes							
		0001		0018		0028	
		0035		0040			
14. Special Handling Instructions and Additional Information <b>CC-2151</b> <b>Texas State Waste Code: FVGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Neal Lopez</b>				Signature <b>Neal Lopez</b>		Month Day Year <b>10/4/13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Brian Capillo</b>				Signature <b>Brian Capillo</b>		Month Day Year <b>10/4/13</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H050</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Frank Bortrand</b>				Signature <b>Frank Bortrand</b>		Month Day Year <b>10/05/13</b>	

TX 95-TR-136A


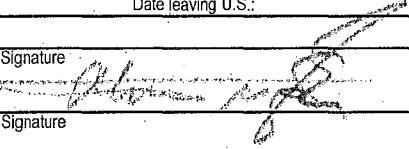
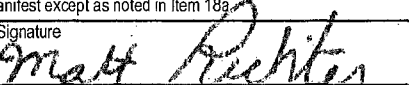
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.3304</b>	4. Manifest Tracking Number <b>006581989 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.3304</b>				Attn:			
6. Transporter 1 Company Name <b>Sprint</b>				U.S. EPA ID Number <b>803.775.1002</b>		U.S. EPA ID Number <b>TXR000080316</b>	
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>				U.S. EPA ID Number <b>MOD081127319</b>			
Facility's Phone: <b>(573) 335-8878</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.
				No.	Type		
X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>			1	TT	4962	6
	2.						
	3.						
	4.						
13. Waste Codes							
		DO01		DO18		DO28	
		DO35		DO43			
14. Special Handling Instructions and Additional Information <b>66-2151 EPA 128</b> <b>Texas State Waste Code: FVGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Neal Lonora</b>				Signature <b>Neal Lonora</b>		Month Day Year <b>10/4/13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Robert Harper</b>				Signature <b>Robert Harper</b>		Month Day Year <b>10/4/13</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H050</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Travis Kassel</b>				Signature <b>Travis Kassel</b>		Month Day Year <b>10/5/13</b>	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>803.840.5304</b>		4. Manifest Tracking Number <b>006581990 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>						Generator's Site Address (if different than mailing address) <b>Attn:</b>					
Generator's Phone: <b>803.840.5304</b>											
6. Transporter 1 Company Name <b>Quinter Transport Company</b>						U.S. EPA ID Number <b>803804584716</b>					
7. Transporter 2 Company Name						U.S. EPA ID Number <b>TXR 000 80316</b>					
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>						U.S. EPA ID Number <b>MO00081127316</b>					
Facility's Phone: <b>(573) 335-8878</b>											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
	<b>X</b>	<b>1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RC</b>				<b>1</b>	<b>TT</b>	<b>4835</b>	<b>6</b>	<b>0001 0018 0028</b> <b>0035 0040</b>	
		2.									
		3.									
	4.										
14. Special Handling Instructions and Additional Information <b>CG-2151</b> <b>Texas State Waste Code: FVGP603H</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>						Signature <b>[Signature]</b>		Month Day Year <b>10   6   13</b>			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
	Transporter 1 Printed/Typed Name <b>Ricardo Ramirez</b>						Signature <b>[Signature]</b>		Month Day Year <b>10   6   13</b>		
	Transporter 2 Printed/Typed Name						Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>UNLabeled 4500 gal. smaller empty</b>										
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____										
	Facility's Phone: _____										
	18c. Signature of Alternate Facility (or Generator) Month Day Year										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>H050</b>		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name <b>Dave</b>						Signature <b>[Signature]</b>		Month Day Year <b>Oct   7   2013</b>			

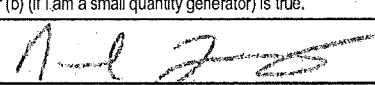
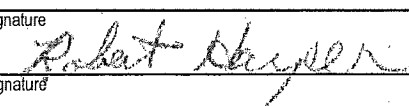
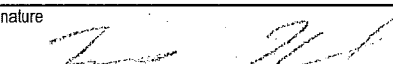
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>803.840.5304</b>		4. Manifest Tracking Number <b>006581991 FLE</b>				
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>						Generator's Site Address (if different than mailing address)						
Generator's Phone: <b>803.840.5304</b>						Attn:						
6. Transporter 1 Company Name <b>Sprint</b>						U.S. EPA ID Number <b>TX2000080316</b>						
7. Transporter 2 Company Name						U.S. EPA ID Number						
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Sprigg Street Cape Girardeau, MO 63701</b>						U.S. EPA ID Number <b>MO1001127319</b>						
Facility's Phone: <b>(573) 335-8878</b>												
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No.	Type					
	X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ				1	TT	4792	G	0001	0018	0028
										0036	0040	
14. Special Handling Instructions and Additional Information <b>00-2151</b> <b>Texas State Waste Code: FV6P603H</b>												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offor's Printed/Typed Name <b>Neal Lonora</b>						Signature <i>Neal Lonora</i>		Month Day Year <b>10 6 13</b>				
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
	17. Transporter Acknowledgment of Receipt of Materials											
	Transporter 1 Printed/Typed Name <b>Ronnie Lucas</b>						Signature <i>Ronnie Lucas</i>		Month Day Year <b>10 6 13</b>			
	Transporter 2 Printed/Typed Name						Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
	Manifest Reference Number:											
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number					
	Facility's Phone:											
	18c. Signature of Alternate Facility (or Generator)								Month Day Year			
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
	1. <b>H450</b>		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name <b>FRANK C BORTMAN</b>						Signature <i>Frank C Bortman</i>		Month Day Year <b>10 07 13</b>				

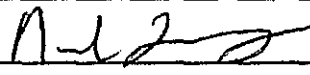
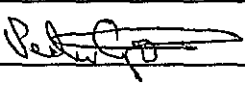

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581932 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address) <b>Attn:</b>			
Generator's Phone: <b>803.840.5304</b>							
6. Transporter 1 Company Name <b>Burnley Transport Company Sprint</b>				U.S. EPA ID Number <b>803.840.5304</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number <b>TXR000051540</b>			
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>				U.S. EPA ID Number <b>MO0981127319</b>			
Facility's Phone: <b>(573) 336-8876</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TY</b>	<b>4856</b>	<b>G</b>	<b>0001 0018 0028 0033 0040</b>
14. Special Handling Instructions and Additional Information <b>CC-2151 2005-128</b> <b>Texas State Waste Code: FVGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Neal Lonora</b>				Signature <i>Neal Lonora</i>		Month Day Year <b>10 7 13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Ron Woodson</b>				Signature <i>Ron Woodson</i>		Month Day Year <b>10 7 13</b>
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____						
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. <b>H050</b>	2. _____	3. _____	4. _____			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
	Printed/Typed Name <b>Don T</b>				Signature <i>Don T</i>		Month Day Year <b>10 7 13</b>



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581993 FLE</b>																				
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>				Generator's Site Address (if different than mailing address)																					
Generator's Phone: <b>803.840.5304</b>				Attn:																					
6. Transporter 1 Company Name <b>Sprint</b>				803.775.1002		U.S. EPA ID Number <b>TXR000080316</b>																			
7. Transporter 2 Company Name						U.S. EPA ID Number																			
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>						U.S. EPA ID Number <b>MO0081127319</b>																			
Facility's Phone: <b>(573) 335-8878</b>																									
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene) , 3, III, RQ</b>			10. Containers		11. Total Quantity <b>4200</b>	12. Unit Wt./Vol. <b>6</b>	13. Waste Codes <table border="1" style="width:100%; border-collapse: collapse;"><tr><td style="width:33%;"><b>0001</b></td><td style="width:33%;"><b>0018</b></td><td style="width:33%;"><b>0028</b></td></tr><tr><td><b>0035</b></td><td><b>0040</b></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>			<b>0001</b>	<b>0018</b>	<b>0028</b>	<b>0035</b>	<b>0040</b>										
				<b>0001</b>	<b>0018</b>						<b>0028</b>														
				<b>0035</b>	<b>0040</b>																				
X	1	TT																							
14. Special Handling Instructions and Additional Information <b>CG-2151 EPC 128</b> <b>Texas State Waste Code: FV6P603H</b>																									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.																									
Generator's/Offoror's Printed/Typed Name <b>Neal Lomora</b>				Signature 		Month Day Year <b>10 7 13</b>																			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____																									
17. Transporter Acknowledgment of Receipt of Materials																									
Transporter 1 Printed/Typed Name <b>MIROSLAW SEK</b>				Signature 		Month Day Year <b>10 7 13</b>																			
Transporter 2 Printed/Typed Name				Signature		Month Day Year																			
18. Discrepancy																									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection																									
Manifest Reference Number:																									
18b. Alternate Facility (or Generator) U.S. EPA ID Number																									
Facility's Phone:																									
18c. Signature of Alternate Facility (or Generator) Month Day Year																									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																									
1. <b>HOSO</b>		2.		3.		4.																			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a																									
Printed/Typed Name <b>MATT RICHTER</b>				Signature 		Month Day Year <b>10 8 13</b>																			

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581884 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>				Generator's Site Address (if different than mailing address)									
Generator's Phone: <b>803.840.5304</b>				Attn:									
6. Transporter 1 Company Name <b>Sprint</b>				803.775.1002		U.S. EPA ID Number <b>TXR000080316</b>							
7. Transporter 2 Company Name						U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number									
Facility's Phone: <b>870.542.3080</b>				<b>ARD081512270</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RO</b>	1	TT	4770	# G	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
	2.												
	3.												
	4.												
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>Texas State Waste Code: FVGP603H AG 1809</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name <b>Neal Lonora</b>				Signature <i>Neal Lonora</i>		Month Day Year <b>10 7 13</b>							
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
	17. Transporter Acknowledgment of Receipt of Materials												
	Transporter 1 Printed/Typed Name <b>William Hall</b>				Signature <i>William Hall</i>		Month Day Year <b>10 7 13</b>						
	Transporter 2 Printed/Typed Name				Signature		Month Day Year						
DESIGNATED FACILITY	18. Discrepancy												
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
	Manifest Reference Number:												
	18b. Alternate Facility (or Generator): U.S. EPA ID Number												
	Facility's Phone:												
	18c. Signature of Alternate Facility (or Generator)						Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
	1. <b>H050</b>		2.		3.		4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>Artas Gist</b>				Signature <i>Artas Gist</i>		Month Day Year <b>10 9 13</b>							

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of 1	3. Emergency Response Phone <b>803.240.8304</b>	4. Manifest Tracking Number <b>006581934 FLE</b>							
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)									
Generator's Phone: <b>803.240.8304</b>												
6. Transporter 1 Company Name <b>Bunker Transport Company</b>			U.S. EPA ID Number <b>TXR000080316</b>									
7. Transporter 2 Company Name			U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701</b>			U.S. EPA ID Number <b>MO0041127310</b>									
Facility's Phone: <b>(573) 335-8878</b>												
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No. Type									
	X	1. <b>UN1903, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RC</b>	1 TT	4876	G	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">0001</td> <td style="width:33%;">0018</td> <td style="width:33%;">0028</td> </tr> <tr> <td>0035</td> <td>0040</td> <td></td> </tr> </table>	0001	0018	0028	0035	0040	
	0001	0018	0028									
	0035	0040										
	2.											
	3.											
	4.											
14. Special Handling Instructions and Additional Information <b>CC-2151</b> <b>Texas State Waste Code: FV6 P603H</b>												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>		Signature 		Month Day Year <b>10 8 13</b>								
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____												
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials											
	Transporter 1 Printed/Typed Name <b>Robert Harper</b>		Signature 		Month Day Year <b>10 8 13</b>							
	Transporter 2 Printed/Typed Name		Signature		Month Day Year							
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
	Manifest Reference Number: _____											
	18b. Alternate Facility (or Generator) U.S. EPA ID Number											
	Facility's Phone: _____											
	18c. Signature of Alternate Facility (or Generator) Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. <b>H050</b>		2.		3.		4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name <b>Travis Kassel</b>		Signature 		Month Day Year <b>10 9 13</b>								

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581885 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)				
Generator's Phone: <b>803.840.5304</b>				Attn:				
6. Transporter 1 Company Name <b>Sprint</b>				U.S. EPA ID Number <b>TXR000080316</b>		U.S. EPA ID Number <b>608007504778</b>		
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71838</b>				U.S. EPA ID Number <b>ARD981512270</b>				
Facility's Phone: <b>870.542.3084</b>								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	1	TT	4712	G	D001 D018 D028 D035 D040	
		2.						
		3.						
		4.						
14. Special Handling Instructions and Additional Information <b>AC# 1829 ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>				Signature 		Month Day Year <b>11/08/13</b>		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Part of entry/exit: _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name <b>Pedro Cepeda</b>				Signature 		Month Day Year <b>11/08/13</b>	
	Transporter 2 Printed/Typed Name				Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	Manifest Reference Number:							
	18b. Alternate Facility (or Generator) U.S. EPA ID Number							
	Facility's Phone:							
	18c. Signature of Alternate Facility (or Generator)						Month Day Year	
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
	1. <b>H050</b>	2.	3.	4.				
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
	Printed/Typed Name <b>Joey Brewer</b>				Signature 		Month Day Year <b>11/09/13</b>	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581888 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (If different than mailing address)									
Generator's Phone: <b>803.840.5304</b>				Attn:									
6. Transporter 1 Company Name <b>Sprint</b>				803.775.1002		U.S. EPA ID Number <b>TXR000080316</b>							
7. Transporter 2 Company Name						U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>						U.S. EPA ID Number <b>ARD081512270</b>							
Facility's Phone: <b>870.542.3080</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	1	TT	4849	E G	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
	2.												
	3.												
	4.												
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <span style="float: right;"><b>AG-1829</b></span> <b>Texas State Waste Code: FVGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 282.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>				Signature <i>Neal Lonoza</i>		Month Day Year <b>10   9   13</b>							
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____												
	17. Transporter Acknowledgment of Receipt of Materials												
	Transporter 1 Printed/Typed Name <b>Ronnie Lucas</b>				Signature <i>Ronnie Lucas</i>		Month Day Year <b>10   9   13</b>						
	Transporter 2 Printed/Typed Name				Signature		Month Day Year						
DESIGNATED FACILITY	18. Discrepancy												
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
	Manifest Reference Number: _____												
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____												
	Facility's Phone: _____												
	18c. Signature of Alternate Facility (or Generator) _____						Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H050</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <i>Ator</i>				Signature <i>Ator</i>		Month Day Year <b>10   12   13</b>							

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581886 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)										
Generator's Phone: <b>803.840.5304</b>			Attn: <b>Attn:</b>										
6. Transporter 1 Company Name <b>Sumter Transport Company</b>			803.775.1002		Sprint								
7. Transporter 2 Company Name			U.S. EPA ID Number <b>TX2600080316</b>										
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>			U.S. EPA ID Number <b>ARD981512270</b>										
Facility's Phone: <b>870.542.3080</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes							
			No.	Type									
	X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	1	TT	4892	B G	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
	2.												
	3.												
	4.												
14. Special Handling Instructions and Additional Information <b>ERG# 128 AG #1829</b>  <b>Texas State Waste Code: FVGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name <b>Neal Lonora</b> Signature <b>Neal Lonora</b> Month <b>10</b> Day <b>9</b> Year <b>13</b>													
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
	17. Transporter Acknowledgment of Receipt of Materials												
	Transporter 1 Printed/Typed Name <b>Famil Alvarez</b> Signature <b>Famil Alvarez</b> Month <b>10</b> Day <b>9</b> Year <b>13</b>												
	Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____												
DESIGNATED FACILITY	18. Discrepancy												
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
	Manifest Reference Number: _____												
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____												
	Facility's Phone: _____												
	18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____												
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
	1. <b>H050</b>	2. _____	3. _____	4. _____									
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a												
	Printed/Typed Name <b>Anthony C Anderson</b> Signature <b>Anthony C Anderson</b> Month <b>10</b> Day <b>10</b> Year <b>13</b>												

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581887 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)					
Generator's Phone: <b>803.840.5304</b>			Attn: _____					
6. Transporter 1 Company Name <b>Sundt Transport Company</b>			803.775.1002		U.S. EPA ID Number <b>TX12000080316</b>			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>			U.S. EPA ID Number					
Facility's Phone: <b>870.542.3080</b>			<b>ARD981512270</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1	TT	4635	g	D001	D018
		2.					D035	D040
		3.						
		4.						
14. Special Handling Instructions and Additional Information <b>ERG# 128 AG# 1829</b> <b>Texas State Waste Code: FVGP603H</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name <b>Neal Lonora</b> Signature <b>[Signature]</b> Month <b>10</b> Day <b>9</b> Year <b>13</b>								
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials							
DESIGNATED FACILITY	Transporter 1 Printed/Typed Name <b>Ron Woodson</b> Signature <b>[Signature]</b> Month <b>10</b> Day <b>9</b> Year <b>13</b>							
	Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
	18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____								
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H050</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Amy C Anderson</b> Signature <b>[Signature]</b> Month <b>10</b> Day <b>10</b> Year <b>13</b>								

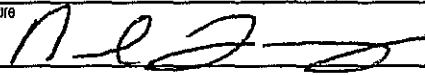

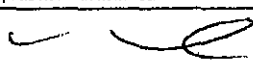


UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581889 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>					Generator's Site Address (if different than mailing address)								
Generator's Phone: <b>803.840.5304</b>					Attn: <b>Sprint</b>								
6. Transporter 1 Company Name <b>Sprinter Transport Company</b>					U.S. EPA ID Number <b>TXR000080316</b>								
7. Transporter 2 Company Name					U.S. EPA ID Number <b>SGD08758428</b>								
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>					U.S. EPA ID Number <b>ARD981512270</b>								
Facility's Phone: <b>870.542.3081</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4600</b>	<b>G</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
14. Special Handling Instructions and Additional Information <b>ERG# 128 AG 1829 TR</b> <b>Texas State Waste Code: FVLGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>					Signature <b>Neal Lonoza</b>		Month Day Year <b>10   10   13</b>						
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____												
	Transporter signature (for exports only): _____ Date leaving U.S.: _____												
	17. Transporter Acknowledgment of Receipt of Materials												
TRANSPORTER	Transporter 1 Printed/Typed Name <b>William Hall</b>					Signature <b>William Hall</b>							
	Transporter 2 Printed/Typed Name					Signature							
DESIGNATED FACILITY	18. Discrepancy												
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input checked="" type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
	Manifest Reference Number: <b>005770546 FLE</b>												
	18b. Alternate Facility (or Generator) U.S. EPA ID Number												
	Facility's Phone: _____												
DESIGNATED FACILITY	18c. Signature of Alternate Facility (or Generator) Month Day Year												
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
	1. <b>H059</b>		2.		3.		4.						
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name <b>Doug Egan</b>					Signature <b>Doug Egan</b>		Month Day Year <b>10   11   13</b>						

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581890 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>				Attn:			
6. Transporter 1 Company Name <b>Sprint</b>				U.S. EPA ID Number <b>TXR200080316</b>		600987584778	
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number <b>ARD981512270</b>			
Facility's Phone: <b>870.542.5686</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene)</b> <b>3. III, RO</b>	1	TT	4600	G	D001 D018 D028 D035 D040
14. Special Handling Instructions and Additional Information <b>ERG# 128 AG 1829 TA</b> <b>Texas State Waste Code FV6P603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>				Signature 		Month Day Year <b>10 10 13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>MIROSLAW SEK</b> Signature Month Day Year <b>10 10 13</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____							
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) U.S. EPA ID Number _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H050</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name <b>Timothy Hawn</b> Signature Month Day Year <b>10 11 13</b>							

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581891 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>				Attn:			
6. Transporter 1 Company Name <b>Sumter Transport Company</b>				803.775.1002		U.S. EPA ID Number <b>TXR000080316</b> <b>82D00758478</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number <b>ARD981512270</b>			
Facility's Phone: <b>870.542.3080</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1 TT		4876	G	D001 D018 D028 D035 D040
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b> <b>AG# 1829</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>		Signature <b>Neal Lonoza</b>		Month Day Year <b>10/10/13</b>			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Robert Harper</b>		Signature <b>Robert Harper</b>		Month Day Year <b>10/10/13</b>			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H050V</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Matt Aylor</b>		Signature <b>Matt Aylor</b>		Month Day Year <b>10/11/13</b>			

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581892 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>				Attn:			
6. Transporter 1 Company Name <b>Sprint</b>				803.775.1002		U.S. EPA ID Number <b>TXR000050316</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71838</b>				U.S. EPA ID Number <b>ARD981512270</b>			
Facility's Phone: <b>870.542.3080</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1	TT	4712	6	D001	D018
	2.					D035	D040
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>ERG# 128 AG 1829 TA</b> <b>Texas State Waste Code: FVEP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>				Signature <b>Neal Lonoza</b>		Month Day Year <b>10 11 13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Pedro Cepedillo</b>				Signature <b>Pedro Cepedillo</b>		Month Day Year <b>10 11 13</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year _____ _____ _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H050</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Doug Egan</b>				Signature <b>Doug Egan</b>		Month Day Year <b>10 12 13</b>	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581893 FLE</b>
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)		
Generator's Phone: <b>803.840.5304</b>			Attn: <b>Sprint</b>		
6. Transporter 1 Company Name <b>Buller Transport Company</b>			803.775.1002		U.S. EPA ID Number <b>TXR000080316</b> <del>SCD006750270</del>
7. Transporter 2 Company Name					U.S. EPA ID Number
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>			U.S. EPA ID Number <b>ARD001512270</b>		
Facility's Phone: <b>870.542.3080</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4892</b>
					12. Unit WL/Vol. <b>G</b>
					13. Waste Codes
					<b>D001 D018 D028</b>
					<b>D035 D040</b>
14. Special Handling Instructions and Additional Information <b>ERG# 128 AG-1829</b> <b>Texas State Waste Code: FVGP603H</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>			Signature 		Month Day Year <b>10 11 13</b>
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____				
	Transporter signature (for exports only): _____ Date leaving U.S.: _____				
DESIGNATED FACILITY	17. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <b>Jaimi Alvarez</b>		Signature 		Month Day Year <b>10 11 13</b>
	Transporter 2 Printed/Typed Name		Signature		Month Day Year
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number: _____					
18b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator)			Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H050</b>		2.		3.	
				4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Doug Egnard</b>			Signature 		Month Day Year <b>10 12 13</b>

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>	1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581894 FLE</b>
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5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>	Generator's Site Address (if different than mailing address)
Generator's Phone: <b>803.840.5304</b> <b>Attn:</b>	

6. Transporter 1 Company Name <b>Sumter Transport Company</b> <b>Sprint</b> <b>803.775.1002</b>	U.S. EPA ID Number <b>TXR000080316</b> <b>80200789479</b>
7. Transporter 2 Company Name	

8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>	U.S. EPA ID Number <b>ARD981512270</b>
Facility's Phone: <b>870.542.3080</b>	

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
<b>X</b>	<b>1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4676</b>	<b>G</b>	<b>D001</b>	<b>D018</b>	<b>D028</b>
	<b>2.</b>					<b>D035</b>	<b>D040</b>	
	<b>3.</b>							
	<b>4.</b>							

14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>AG 1829</b>	<b>Texas State Waste Code: FVGP603H</b>
--	---

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>	Signature <i>Neal Lonoza</i>	Month <b>10</b>	Day <b>11</b>	Year <b>13</b>
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16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
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17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name <b>Ronnie Lucas</b>	Signature <i>Ronnie Lucas</i>	Month <b>10</b>	Day <b>11</b>	Year <b>13</b>
Transporter 2 Printed/Typed Name				

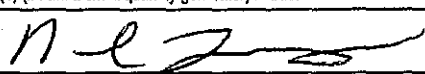
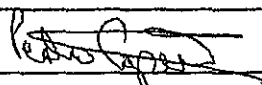
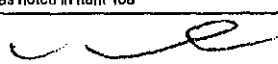
18. Discrepancy				
18a. Discrepancy Indication Space	<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection
<input type="checkbox"/> Full Rejection				

18b. Alternate Facility (or Generator)	Manifest Reference Number: U.S. EPA ID Number
--	--

Facility's Phone:	18c. Signature of Alternate Facility (or Generator)
	Month    Day    Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1. <b>H050</b>	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a				
Printed/Typed Name <b>Anthy C Anderson</b>	Signature <i>Anthy C Anderson</i>	Month <b>10</b>	Day <b>12</b>	Year <b>13</b>

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581895 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>					Generator's Site Address (if different than mailing address)								
Generator's Phone: <b>803.840.5304</b>					Attn: <b>Sprint</b>								
6. Transporter 1 Company Name <b>Sumter Transport Company</b>					U.S. EPA ID Number <b>TXR000080316</b>								
7. Transporter 2 Company Name					U.S. EPA ID Number								
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>					U.S. EPA ID Number <b>ARD981512270</b>								
Facility's Phone: <b>870.542.3080</b>													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4712</b>	<b>G</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
14. Special Handling Instructions and Additional Information <b>ERG# 128 AG 1829</b> <b>Texas State Waste Code: FVGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>					Signature 		Month Day Year <b>10 13 13</b>						
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
	17. Transporter Acknowledgment of Receipt of Materials												
	Transporter 1 Printed/Typed Name <b>Rodrigo Capetillo</b>					Signature 		Month Day Year <b>10 13 13</b>					
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name					Signature		Month Day Year					
	18. Discrepancy												
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
	Manifest Reference Number:												
	18b. Alternate Facility (or Generator)					U.S. EPA ID Number							
Facility's Phone:													
18c. Signature of Alternate Facility (or Generator)					Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H050</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>Dorey Equiano</b>					Signature 		Month Day Year <b>10 14 13</b>						



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581896 FLE</b>					
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>			Generator's Site Address (if different than mailing address)							
Generator's Phone: <b>803.840.5304</b>			Attn: <b>Sprint</b>							
6. Transporter 1 Company Name <b>Sumter Transport Company</b>			803.775.1002		U.S. EPA ID Number <b>TXR0000 80316</b> <del>803087584776</del>					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>			U.S. EPA ID Number <b>ARD981512270</b>							
Facility's Phone: <b>870.542.3080</b>										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes			
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RA</b>	<b>1</b>	<b>TT</b>	<b>4876</b>	<b>G</b>	<b>D001</b>	<b>D018</b>	<b>D028</b>	
							<b>D035</b>	<b>D040</b>		
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>AG 1829</b> <b>Texas State Waste Code: FVGP603H</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offeror's Printed/Typed Name: <b>Neal Lonoza</b> Signature: <i>[Signature]</i> Month: <b>10</b> Day: <b>13</b> Year: <b>13</b>										
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
TRANSPORTER	Transporter 1 Printed/Typed Name: <b>Robert Harper</b> Signature: <i>[Signature]</i> Month: <b>10</b> Day: <b>13</b> Year: <b>13</b>									
	Transporter 2 Printed/Typed Name: _____      Signature: _____      Month: _____ Day: _____ Year: _____									
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input checked="" type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	Manifest Reference Number: <b>005770562 FLE</b>									
	18b. Alternate Facility (or Generator)      U.S. EPA ID Number									
Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator)      Month: _____ Day: _____ Year: _____										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>HOSO</b> 2.      3.      4.										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name: <b>Doug Emond</b> Signature: <i>[Signature]</i> Month: <b>10</b> Day: <b>14</b> Year: <b>13</b>										

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581897 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>					Generator's Site Address (if different than mailing address)								
Generator's Phone: <b>803.840.5304</b>					Attn:								
6. Transporter 1 Company Name <b>Bumler Transport Company</b>					U.S. EPA ID Number <b>TXR000080316</b>								
7. Transporter 2 Company Name					U.S. EPA ID Number								
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71838</b>					U.S. EPA ID Number								
Facility's Phone: <b>870.542.3080</b>					<b>ARD981512270</b>								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4600</b>	<b>G</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>AG 1829 TA</b> <b>Texas State Waste Code: FVGP603H</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b> Signature <b>[Signature]</b> Month <b>10</b> Day <b>14</b> Year <b>13</b>													
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:												
	Transporter signature (for exports only):												
DESIGNATED FACILITY	17. Transporter Acknowledgment of Receipt of Materials												
	Transporter 1 Printed/Typed Name <b>D. DIE FALANO</b> Signature <b>[Signature]</b> Month <b>10</b> Day <b>14</b> Year <b>13</b>												
	Transporter 2 Printed/Typed Name Signature Month Day Year												
	18. Discrepancy												
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
	Manifest Reference Number:												
	18b. Alternate Facility (or Generator) U.S. EPA ID Number												
	Facility's Phone:												
	18c. Signature of Alternate Facility (or Generator) Month Day Year												
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
	1. <b>H050</b>	2.	3.	4.									
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
	Printed/Typed Name <b>Anty C Anderson</b> Signature <b>[Signature]</b> Month <b>10</b> Day <b>15</b> Year <b>13</b>												

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581898 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>		Generator's Site Address (if different than mailing address)					
Generator's Phone: <b>803.840.5304</b>		Attn:					
6. Transporter 1 Company Name <b>Sprint</b>		U.S. EPA ID Number <b>TXR000080316</b>					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>		U.S. EPA ID Number					
Facility's Phone: <b>870.542.3080</b>		<b>ARD981512270</b>					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1	TT	4526	G	D001 D035	D018 D040 D028
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>AG 1829 TA</b> <b>Texas State Waste Code: FVG P603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>		Signature 		Month Day Year <b>11/14/13</b>			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials		Signature 		Month Day Year <b>10/14/13</b>			
Transporter 1 Printed/Typed Name <b>MIROSLAW SEK</b>		Signature		Month Day Year			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection		Manifest Reference Number:					
18b. Alternate Facility (or Generator)		U.S. EPA ID Number					
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)		Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	<b>H050</b>	2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name <b>Anthony C Anderson</b>		Signature 		Month Day Year <b>10/15/13</b>			

1. Generator ID Number: **TXR000051540** 2. Page 1 of 1 3. Emergency Response Phone: **803.840.5304** 4. Manifest Tracking Number: **006581899 FLE**

5. Generator's Name and Mailing Address: **US Oil Recovery  
400 North Richey Street  
Pasadena, TX 77506** Generator's Site Address (If different than mailing address):  
Generator's Phone: **803.840.5304** Attn: **Sprint**

6. Transporter 1 Company Name: **Bunker Transport Company** U.S. EPA ID Number: **TXR000080316**  
7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: **Ash Grove Cement Company  
Hwy 108 West  
Foreman, AR 71836** U.S. EPA ID Number: **ARD981512270**  
Facility's Phone: **870.542.3080**

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1	TT	147/2	6	D001	D018	D026
						D035	D040	

14. Special Handling Instructions and Additional Information: **ERG# 128** **AG 1829** **Texas State Waste Code: FVGP603H AG1829**

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offor's Printed/Typed Name: **Neal Lonoza** Signature: **Neal Lonoza** Month: **11** Day: **01** Year: **13**

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials: Transporter signature (for exports only):

Transporter 1 Printed/Typed Name: **Pete Capallo** Signature: **Pete Capallo** Month: **11** Day: **01** Year: **13**  
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

18. Discrepancy: 18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number:

18b. Alternate Facility (or Generator): Facility's Phone: 18c. Signature of Alternate Facility (or Generator): Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems):

1. **H050** 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a: Printed/Typed Name: **Timothy Howard** Signature: **Timothy Howard** Month: **11** Day: **01** Year: **13**

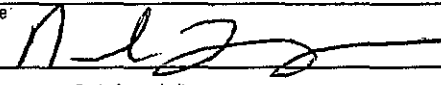
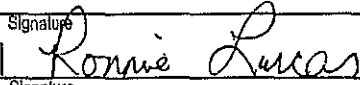
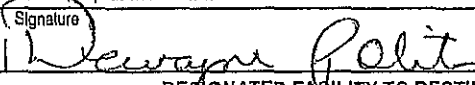
GENERATOR

TRANSPORTER INTL

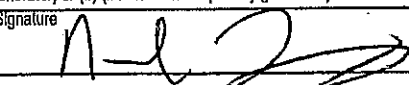
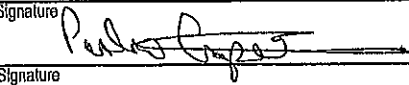
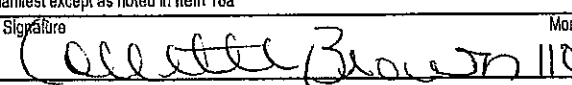
DESIGNATED FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581900 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Riohoy Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>				U.S. EPA ID Number <b>TXR000080316</b>			
6. Transporter 1 Company Name <b>Sprint</b>				U.S. EPA ID Number <b>803.775.1002</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number <b>ARD881512270</b>			
Facility's Phone: <b>870.542.3080</b>							
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	1		4600	G	D001	D018
	2.					D035	D040
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>Texas State Waste Code: FVGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>				Signature <i>Neal Lonoza</i>		Month Day Year <b>10/16/13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>D. HIE FANLAW</b>				Signature <i>D. Hie Fanlaw</i>		Month Day Year <b>11/6/13</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H/050</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>DEWAYNE POLITE</b>				Signature <i>DeWayne Polite</i>		Month Day Year <b>10/17/13</b>	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581901 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>					Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>					Attn:			
6. Transporter 1 Company Name <b>Sprint</b>					803.775.1002		U.S. EPA ID Number <b>TXR000080316</b>	
7. Transporter 2 Company Name							U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>					U.S. EPA ID Number <b>ARD081512270</b>			
Facility's Phone: <b>870.542.3080</b>								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes		
		No.	Type					
X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene) 3. JIL RO	1	TT	4526	G	D001	D018	D028
	2.					D035	D040	
	3.							
	4.							
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>Texas State Waste Code: FVGP603H (AG 18029)</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name <b>Neal Lomora</b>					Signature <i>[Signature]</i>		Month Day Year <b>10   16   13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>MIROSLAW SEK</b>					Signature <i>[Signature]</i>		Month Day Year <b>10   10   13</b>	
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>6050</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>ARAS Gost</b>					Signature <i>[Signature]</i>		Month Day Year <b>10   16   13</b>	

<b>HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581903 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>					Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b> Attn:					U.S. EPA ID Number <b>TXR000080316</b>			
6. Transporter 1 Company Name <b>Sprinter Transport Company Sprint</b> <b>803.775.1002</b>					U.S. EPA ID Number <b>8002887584778</b>			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>					U.S. EPA ID Number <b>ARD981512270</b>			
Facility's Phone: <b>870.542.3080</b>								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4676</b>	<b>g</b>	<b>D001</b>	<b>D018</b>	<b>D028</b>
						<b>D035</b>	<b>D040</b>	
14. Special Handling Instructions and Additional Information <b>ERG# 128</b> <b>AG. 1829</b> <b>Texas State Waste Code: FUGP603H</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>					Signature 		Month Day Year <b>10   16   13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>Ronnie Lucas</b>					Signature 		Month Day Year <b>10   16   13</b>	
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator)					U.S. EPA ID Number			
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)							Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H050</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Dewayne Polite</b>					Signature 		Month Day Year <b>10   17   13</b>	



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581904 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)									
Generator's Phone: <b>803.840.5304</b>				Attn: _____									
6. Transporter 1 Company Name <b>Sumter Transport Company Sprint</b>				803.775.1002		U.S. EPA ID Number <b>TXR000080316</b> <del>SCD0007504718</del>							
7. Transporter 2 Company Name						U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number <b>ARD001512270</b>									
Facility's Phone: <b>870.542.3080</b> ✓													
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4712</b>	<b>G</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">DO01</td> <td style="width:10%;">DO18</td> <td style="width:10%;">DO28</td> </tr> <tr> <td>DO35</td> <td>DO40</td> <td></td> </tr> </table>	DO01	DO18	DO28	DO35	DO40	
	DO01	DO18	DO28										
	DO35	DO40											
	2.												
	3.												
	4.												
14. Special Handling Instructions and Additional Information <b>ERG# 128 Texas State waste code: FVGP603H</b> <b>Reference Manifest #006581902 FLE</b> <span style="float: right;"><b>AG 1829</b></span>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>				Signature 		Month Day Year <b>10 17 13</b>							
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____												
	17. Transporter Acknowledgment of Receipt of Materials												
	Transporter 1 Printed/Typed Name <b>Pedro Capella</b>				Signature 		Month Day Year <b>10 17 13</b>						
	Transporter 2 Printed/Typed Name				Signature		Month Day Year						
DESIGNATED FACILITY	18. Discrepancy												
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input checked="" type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
	Manifest Reference Number: <b>005770569 FLE</b>												
	18b. Alternate Facility (or Generator) U.S. EPA ID Number												
	Facility's Phone: _____												
	18c. Signature of Alternate Facility (or Generator) Month Day Year												
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
	1. <b>H050v</b>		2.		3.		4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a													
Printed/Typed Name <b>Collette Brown</b>				Signature 		Month Day Year <b>10 17 13</b>							

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator ID Number: **TXR000051540**

2. Page 1 of 1

3. Emergency Response Phone: **803.840.5304**

4. Manifest Tracking Number: **006581905 FLE**

5. Generator's Name and Mailing Address: **US Oil Recovery  
400 North Richey Street  
Pasadena, TX 77506**

Generator's Phone: **803.840.5304** Attn: **Sprint**

6. Transporter 1 Company Name: **Samler Transport Company** U.S. EPA ID Number: **TXR000080316**

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: **Ash Grove Cement Company  
Hwy 108 West  
Foreman, AR 71836** U.S. EPA ID Number: **ARD981512270**

Facility's Phone: **870.542.3080**

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type			D001	D018	D028
X	UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1	TT	4892	G	D001	D018	D028
						D035	D040	

14. Special Handling Instructions and Additional Information: **ERG# 128 Texas State Waste Code: FV6P603H**

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offor's Printed/Typed Name: **Neal Lonoza** Signature: **[Signature]** Month: **10** Day: **17** Year: **13**

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: **Jaimie Alvarez** Signature: **[Signature]** Month: **10** Day: **17** Year: **13**

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☒ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: **005770571 FLE**

18b. Alternate Facility (or Generator): U.S. EPA ID Number:

Facility's Phone:

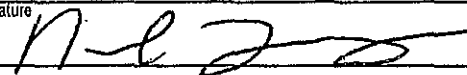
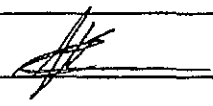
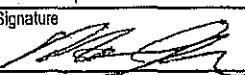
18c. Signature of Alternate Facility (or Generator): Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. **H000** 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: **Doug Egan** Signature: **[Signature]** Month: **10** Day: **18** Year: **13**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581906 FLE</b>								
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)									
Generator's Phone: <b>803.840.5304</b>				Attn:									
6. Transporter 1 Company Name <b>Bunker Transport Company</b>				U.S. EPA ID Number <b>TXR000080316</b>		803.775.1002							
7. Transporter 2 Company Name				U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71838</b>				U.S. EPA ID Number <b>ARD981512270</b>		Facility's Phone: <b>870.542.3080</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
			No.	Type									
	<b>X</b>	<b>1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4600</b>	<b>G</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">D001</td> <td style="width:33%;">D018</td> <td style="width:33%;">D028</td> </tr> <tr> <td>D035</td> <td>D040</td> <td></td> </tr> </table>	D001	D018	D028	D035	D040	
	D001	D018	D028										
	D035	D040											
	<b>2.</b>												
	<b>3.</b>												
	<b>4.</b>												
14. Special Handling Instructions and Additional Information <b>ERG# 128 Texas State Waste Code: FVGP603H AG 1829</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name <b>Neal Lonora</b>				Signature 		Month Day Year <b>10 18 13</b>							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name <b>EMC WEVAS</b>				Signature 		Month Day Year <b>10 18 13</b>							
Transporter 2 Printed/Typed Name				Signature		Month Day Year							
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number: _____													
18b. Alternate Facility (or Generator) U.S. EPA ID Number													
Facility's Phone: _____													
18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>H050</b>		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name <b>Neal Lonora</b>				Signature 		Month Day Year <b>10 18 13</b>							

*Sprint truck # 572131, trailer 109AVP*

Please print or type. (Form designed for use on ellipse (12-pitch) typewriter.)

*TK # 131-TR# 109-AVP*

Form Approved. OMB No. 2050-0039

<b>HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581907 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)				
Generator's Phone: <b>803.840.5304</b>				Attn:				
6. Transporter 1 Company Name <b>Sprint</b>				U.S. EPA ID Number <b>TXR000080316</b>		500987584738		
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number <b>ARD981512270</b>				
Facility's Phone: <b>870.542.3080</b>								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type			D001	D018	D028
X	UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene) 3. III. RO	1	TT	4581 3651	6	D001	D018	D028
						D035	D040	
14. Special Handling Instructions and Additional Information <b>ERG# 128 Texas State Waste Code: FVGP603H</b> <b>AG 1829</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offoror's Printed/Typed Name <b>Neal Lonoza</b>				Signature <i>[Signature]</i>		Month Day Year <b>10/18/13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>MIROSLAW SEK</b> Signature <i>[Signature]</i> Month Day Year <b>10/18/13</b> Transporter 2 Printed/Typed Name Signature <i>[Signature]</i> Month Day Year								
18. Discrepancy 18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <b>Resolved</b> <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>10-21-13</b> Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H050</b> 2. 3. 4.								
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Watt</b> Signature <i>[Signature]</i> Month Day Year <b>10/19/13</b>								

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581908 FLE</b>				
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (If different than mailing address)						
Generator's Phone: <b>803.840.5304</b>			Attn:						
6. Transporter 1 Company Name <b>Bunker Transport Company</b>			803.775.1002		U.S. EPA ID Number <b>TXR000080316</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>			U.S. EPA ID Number <b>ARD981512270</b>						
Facility's Phone: <b>870.542.3080</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	1	TT	4546	G	D001	D018	D028
		2.					D035	D040	
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>ERG# 128 Texas State Waste Code: FVGP603H</b> <b>Partial Rejection, Reference Manifest # 005770569 FLE AG# 1829</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Neal Lonoza</b>									
Signature <i>Neal Lonoza</i>									
Month Day Year <b>10/20/13</b>									
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Part of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <b>Ronnie Lucas</b>								
Signature <i>Ronnie Lucas</i>									
Month Day Year <b>10/20/13</b>									
Transporter 2 Printed/Typed Name									
Signature									
Month Day Year									
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number:								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number								
	Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)									
Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H050 AA</b>			2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name <b>Dewayne Polite</b>									
Signature <i>Dewayne Polite</i>									
Month Day Year <b>10/21/13</b>									

Sprint STL 131

113 1071765

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581909 FLE</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>		Generator's Site Address (if different than mailing address)						
Generator's Phone: <b>803.840.5304</b>		Attn: <b> </b>		U.S. EPA ID Number <b>TXR000080316</b>				
6. Transporter 1 Company Name <b>Sprinter Transport Company</b>		<b>Sprint</b>		803.775.1002		U.S. EPA ID Number <b>803047584736</b>		
7. Transporter 2 Company Name						U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>						U.S. EPA ID Number		
Facility's Phone: <b>870.542.3080</b>						<b>ARD081512270</b>		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene) 3. III, RQ</b>	1	TT	4856	g	D001	D018	D028
					G	D035	D040	
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information <b>ERG# 128 Texas State Waste Code: FV6P603H</b> <b>AG 1809</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>		Signature 			Month Day Year <b>10/21/13</b>			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>MIROSLAV SEK</b>		Signature 			Month Day Year <b>10/21/13</b>			
Transporter 2 Printed/Typed Name		Signature			Month Day Year			
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H050</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>HA GR</b>		Signature 			Month Day Year <b>10-22-13</b>			

1011808

TKA 127-TR-42AV

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581911 FLE</b>
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)		
Generator's Phone: <b>803.840.5304</b>			Attn: <b>Sprint</b>		
6. Transporter 1 Company Name <b>Sprint</b>			803.775.1002		U.S. EPA ID Number <b>TXR000080316</b> <b>SGD887584778</b>
7. Transporter 2 Company Name					U.S. EPA ID Number
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>			U.S. EPA ID Number <b>ARD081512270</b>		
Facility's Phone: <b>870.542.3080</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	<b>X</b>	<b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	<b>1</b>	<b>TT</b>	<b>4302</b> <b>4850</b> <b>G</b>
					13. Waste Codes
					<b>D001 D018 D028</b> <b>D035 D040</b>
14. Special Handling Instructions and Additional Information <b>ERG# 128 Texas State Waste Code: FUGA603H</b> <b>AG 1829 TA</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name <b>Neal Lonora</b> Signature <b>Neal Lonora</b> Month <b>10</b> Day <b>22</b> Year <b>13</b>					
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:				
	17. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <b>Ronnie Lucas</b>		Signature <b>Ronnie Lucas</b>		Month <b>10</b> Day <b>22</b> Year <b>13</b>
	Transporter 2 Printed/Typed Name		Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <b>Resolved 10-24-13 TA</b> <input type="checkbox"/> Type <input checked="" type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	Manifest Reference Number: <b>005770585 FLE</b>				
	18b. Alternate Facility (or Generator) U.S. EPA ID Number				
	Facility's Phone:				
	18c. Signature of Alternate Facility (or Generator) Month Day Year				
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)				
	1. <b>H050</b>	2.	3.	4.	
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a				
	Printed/Typed Name <b>Collette Brown</b>		Signature <b>Collette Brown</b>		Month <b>10</b> Day <b>23</b> Year <b>13</b>



1071877

006581912 FLE

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

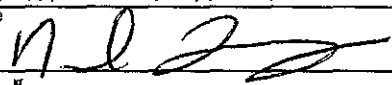
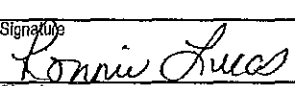
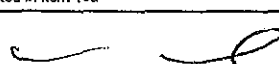
Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number TX0000051640	2. Page 1 of 1	3. Emergency Response Phone 800.841.6304	4. Manifest Tracking Number 006581912 FLE		
5. Generator's Name and Mailing Address 183 Oil Refinery 400 North Goliad Street Freeport, TX 77540 Generator's Phone: 803.843.5204				Generator's Site Address (if different than mailing address) AHS			
6. Transporter 1 Company Name SHAWNEE TRANSPORT COMPANY Sprint 803.775.4000				U.S. EPA ID Number TX0000080316			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Ash Grove Cement Company Box 1000 Freeport, AR 71309 Facility's Phone: 870.461.5400				U.S. EPA ID Number AR0004161270			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	1. 101100, waste Unrecoverable Residue, n.o.s. (petroleum oil, benzene), 3, 11, 12	1	IT	1856	0	EX01 UN02 EX03 EX04
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information Texas State Waste Code: FV6P603M AG 1829 @							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Nora Lanza				Signature [Signature]		Month Day Year 10/23/12	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name H. P. Christensen		Signature [Signature]		Month Day Year 10/23/12		
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
	Facility's Phone:				Month Day Year		
18c. Signature of Alternate Facility (or Generator)							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H050		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Dewayne Poite				Signature [Signature]		Month Day Year 10/24/12	

Original Manifest Lost - use this AS

Designated Facility to destination state (original)

1071908

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581913 FLE</b>				
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)						
Generator's Phone: <b>803.840.5304</b>			Attn:						
6. Transporter 1 Company Name <b>Sprint</b>			803.775.1002		U.S. EPA ID Number <b>TXR000080316</b> <b>8CDD08758478</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>			U.S. EPA ID Number <b>ARD081512270</b>						
Facility's Phone: <b>870.542.3080</b>									
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes		
			No.	Type					
X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ		1	TT	4366	G	D001	D018	D028
	2.						D035	D040	
	3.								
	4.								
14. Special Handling Instructions and Additional Information <b>AG1829</b> <b>ERG# 128</b> <b>Texas State Waste Code: FV6P603H</b> <b>Residue Manifest Reference #005770585 FLE</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name <b>Neal Lonoza</b>					Signature 		Month Day Year <b>10 24 13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>Ronnie Lucas</b>					Signature 		Month Day Year <b>10 24 13</b>		
Transporter 2 Printed/Typed Name					Signature		Month Day Year		
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number:									
18b. Alternate Facility (or Generator)					U.S. EPA ID Number				
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator)					Month Day Year				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H050</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Pavel Eyraud</b>					Signature 		Month Day Year <b>10 25 13</b>		

101196

TK# 31 - TR# 113 AV

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of 1	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581914 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>			Generator's Site Address (if different than mailing address)				
Generator's Phone: <b>803.840.5304</b>			Attn:				
6. Transporter 1 Company Name <b>Sprint</b>			803.775.1002		U.S. EPA ID Number <b>TXR000080316</b>		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>			U.S. EPA ID Number <b>ARD981512270</b>				
Facility's Phone: <b>870.542.3060</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
X	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RO</b>	1 TT		4747	6	D001 D018 D028 D035 D040	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>ERS# 128 Texas state waste code: FVGP603H</b> <b>AG 1829 TA</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name <b>Neal Lonoza</b>		Signature 		Month Day Year <b>10 25 13</b>			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>MIROSLAW SER</b>		Signature 		Month Day Year <b>10 25 13</b>			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H050</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Joey D Brewer</b>		Signature 		Month Day Year <b>10 26 13</b>			

1071982

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Form Approved. OMB No. 2050-0039

UNITED STATES HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581915 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>				Attn: <b>Sprint</b>			
6. Transporter 1 Company Name <b>Carrier Transport Company</b>				U.S. EPA ID Number <b>TXR000080316</b>		803.775.1002	
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>				U.S. EPA ID Number			
Facility's Phone: <b>870.542.3089</b>				<b>ARD981512270</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
X	UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1 TT		4712	6	D001	D018
						D035	D040
14. Special Handling Instructions and Additional Information <b>ERG# 128 Texas State Waste Code: FVGP603H</b> <b>AG 1829</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b>				Signature <i>[Signature]</i>		Month Day Year <b>10/27/13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Pete Cepeda</b>				Signature <i>[Signature]</i>		Month Day Year <b>10/27/13</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <b>marked OK</b> <input type="checkbox"/> Type <input checked="" type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection <b>No discrepancy</b>							
Manifest Reference Number: <b>005770596 FLE</b>							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H050</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Joey D Brewer</b>				Signature <i>[Signature]</i>		Month Day Year <b>10/27/13</b>	

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581916 FLE</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77508</b>			Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>			Attn:			
6. Transporter 1 Company Name <b>Sumter Transport Company</b>			803.775.1002		U.S. EPA ID Number <b>TXR000080316</b>	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>			U.S. EPA ID Number <b>ARD981512270</b>			
Facility's Phone: <b>870.542.3084</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>	1	TT	4374	P	D001 D018 D028 D035 D040
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>ERG# 128 Texas State Waste Code: FVGP603H Reference Manifest #: 005770596 FLE</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Neal Lonoza</b> Signature  Month <b>10</b> Day <b>29</b> Year <b>13</b>						
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Sumter Transport Company</b> Signature  Month <b>10</b> Day <b>29</b> Year <b>13</b> Transporter 2 Printed/Typed Name Signature Month Day Year						
18. Discrepancy 18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <b>marked in error NO quantity discrepancy</b> <input type="checkbox"/> Type <input checked="" type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: <b>005770601 FLE</b> U.S. EPA ID Number						
18b. Alternate Facility (or Generator) Facility's Phone: U.S. EPA ID Number						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H050</b> 2. 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Joey Brewer</b> Signature  Month <b>10</b> Day <b>30</b> Year <b>13</b>						

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number TXR000051540	2. Page 1 of 1	3. Emergency Response Phone 803.940.1801	4. Manifest Tracking Number 006581996 FLE			
5. Generator's Name and Mailing Address OAS Oil Recovery 400 North Roney Street Pasadena, TX 77508		Generator's Site Address (if different than mailing address) Attn:						
Generator's Phone: 803.840.6304		6. Transporter 1 Company Name Bundar Transport Company		U.S. EPA ID Number 8130307584778				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address Lone Star Industries 2524 South Spring Street Cape Girardeau, MO 63701				U.S. EPA ID Number MO47001127310				
Facility's Phone: (573) 335-8678								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, hazardous), 3, III, RO.	1	TT	4.892	4.8	EX01	EX18	EX28
	2.					EX03	EX40	
	3.							
	4.							
14. Special Handling Instructions and Additional Information CC-2151 TEXAS State Waste Code: FVGP603H Reference Rejected Manifest #: 005770601 FLE								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name Moses Chremiller		Signature Moses Chremiller		Month Day Year 12 15 13				
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials		Signature Bill Clinton Jr.		Month Day Year 11 23 13				
18. Discrepancy		18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection		Manifest Reference Number: U.S. EPA ID Number				
18b. Alternate Facility (or Generator)		Facility's Phone:		18c. Signature of Alternate Facility (or Generator) Month Day Year				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)		1. H050		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a		Printed/Typed Name MICHAEL WADE		Signature Michael Wade		Month Day Year 11 17 13		

#2

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581918 FLE</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>		Generator's Site Address (if different than mailing address) <b>Attn:</b>				
Generator's Phone: <b>803.840.5304</b>		U.S. EPA ID Number <b>TXR000080316</b>				
6. Transporter 1 Company Name <b>Sprint</b>		803.775.1002		<b>000000000</b>		
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>		U.S. EPA ID Number <b>ARD081512270</b>				
Facility's Phone: <b>870.542.3080</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1	TT	440 kg 4965	GF	D001 D018 D028 D035 D040
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>ERG# 128 Texas State waste Code FVGP6003H AG 1809</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement (identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator)) is true.						
Generator's/Offeror's Printed/Typed Name <b>Moses Chandler</b>		Signature <b>Moses A Chandler</b>		Month Day Year <b>11/16/13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Robert Harper</b>		Signature <b>Robert Harper</b>		Month Day Year <b>11/16/13</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <b>Resolved 11-8-13</b> <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H050</b> 2. 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a						
Printed/Typed Name <b>Matthew Hol</b>		Signature <b>Matthew Hol</b>		Month Day Year <b>11/17/13</b>		




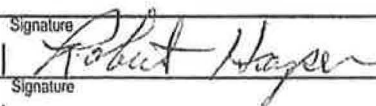
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540</b>		2. Page 1 of 1		3. Emergency Response Phone <b>803.840.5304</b>		4. Manifest Tracking Number <b>006581919 FLE</b>					
		5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b> Generator's Phone: <b>803.840.5304</b>		Generator's Site Address (if different than mailing address) <b>Attn:</b>									
<b>GENERATOR</b>		6. Transporter 1 Company Name <b>Sumter Transport Company</b>		803.775.1002		U.S. EPA ID Number <b>SCD987584778</b>							
		7. Transporter 2 Company Name				U.S. EPA ID Number							
<b>DESIGNATED FACILITY</b>		8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b> Facility's Phone: <b>870.542.3080</b>				U.S. EPA ID Number <b>ARD981512270</b>							
<b>TRANSPORTER</b>		9a. HM <b>X</b>		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) <b>UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ</b>		10. Containers No. <b>1</b> Type <b>TT</b>		11. Total Quantity <b>4892</b>		12. Unit Wt./Vol. <b>G</b>		13. Waste Codes <b>D001 D018 D028 D035 D040</b>	
<b>DESIGNATED FACILITY</b>		14. Special Handling Instructions and Additional Information <b>ERG# 12B Texas State waste code: FVGP603H</b> <b>AG 1829</b>											
		15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
		Generator's/Officer's Printed/Typed Name <b>Moses Chandler</b>				Signature <b>Moses Chandler</b>				Month <b>11</b> Day <b>8</b> Year <b>13</b>			
		16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
		17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Howard Boyett</b> Signature <b>Howard Boyett</b> Month <b>11</b> Day <b>8</b> Year <b>13</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____											
<b>DESIGNATED FACILITY</b>		18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number _____ 18b. Alternate Facility (or Generator) _____ Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____											
		19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>H050</b> 2. _____ 3. _____ 4. _____											
		20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name <b>Joey D Brewer</b> Signature <b>Joey D Brewer</b> Month <b>11</b> Day <b>9</b> Year <b>13</b>											




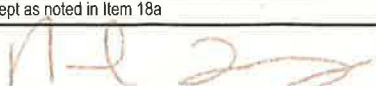
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>803.840.5304</b>	4. Manifest Tracking Number <b>006581921 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Richey Street Pasadena, TX 77506</b>				Generator's Site Address (if different than mailing address)			
Generator's Phone: <b>803.840.5304</b>				Attn: _____			
6. Transporter 1 Company Name <b>Spaint</b>				803.775.1002		U.S. EPA ID Number <b>TXR000080316</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Ash Grove Cement Company Hwy 108 West Foreman, AR 71836</b>						U.S. EPA ID Number	
Facility's Phone: <b>870.542.3080</b>				<b>ARD081512270</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	UN1993, waste flammable liquids, n.o.s. (petroleum oil, benzene), 3, III, RQ	1	TT	7849 G		D001 D018 D028 D035 D040
14. Special Handling Instructions and Additional Information <b>ERG# 128 Texas State Waste Code FVGP603H</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>MOSES Chandler</b>				Signature <b>Moses Chandler</b>		Month Day Year <b>11/10/13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Part of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Robert Harper</b>				Signature <b>Robert Harper</b>		Month Day Year <b>11/10/13</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input checked="" type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number <b>005470609 FLE</b>							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H050</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Dewaine Polite</b>				Signature <b>Dewaine Polite</b>		Month Day Year <b>11/10/13</b>	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051640</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>813 240 3344</b>	4. Manifest Tracking Number <b>006581998 FLE</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery 400 North Highway Street Pasadena, TX 77506</b>		Generator's Site Address (if different than mailing address) <b>Attn:</b>					
Generator's Phone: <b>813 240 3304</b>					U.S. EPA ID Number <b>000000000000000000</b>		
6. Transporter 1 Company Name <b>Quaker Harnett Company Triad</b>		U.S. EPA ID Number <b>000000000000000000</b>			U.S. EPA ID Number <b>000000000000000000</b>		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Lone Star Industries 2324 South Spring Street Cape Girardeau, MO 63701</b>					U.S. EPA ID Number <b>MO0001127310</b>		
Facility's Phone: <b>(573) 335-8878</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1	UN1199, waste flammable liquid, n.o.s. (petroleum oil, benzene) 3, III, RG	1	TT	1013	6	0001 0015 0025 0039 0040
	2						
	3						
	4						
14. Special Handling Instructions and Additional Information <b>CG-2151 EX-128 Texas State Waste Code: FV6P603H Reference Manifest # 006770609 FLE</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generators/Offeror's Printed/Typed Name <b>Neal Lomora</b>		Signature <i>Neal Lomora</i>		Month Day Year <b>11 12 13</b>			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Dennick Joseph</b>		Signature <i>Dennick Joseph</i>		Month Day Year <b>11 12 13</b>		
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
	18. Discrepancy						
	18a. Discrepancy Indication Space <b>UNLabeled and not otherwise marked</b>		<input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____				
	18b. Alternate Facility (or Generator)		U.S. EPA ID Number				
	Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)				Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H150</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>FRANK C Bortone</b>		Signature <i>Frank C Bortone</i>		Month Day Year <b>11 12 13</b>			

**APPENDIX G**

**ROLL-OFF BOX HAZARDOUS WASTE RETURNED SOLIDS  
MANIFESTS**

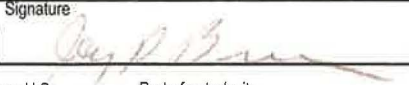


<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number AR0551512270	2. Page 1 of 1	3. Emergency Response Phone 800-424-9800 #201377	4. Manifest Tracking Number 005770562 FLE	
5. Generator's Name and Mailing Address FOREMAN GROVE LUMBER CO - FOREMAN 4457 Highway 108 FOREMAN, AR 71836		Generator's Site Address (if different than mailing address) (370) 542-3081				
6. Transporter 1 Company Name Spiral Transport, LLC		U.S. EPA ID Number TXR000080316				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address SOUTHERN RECOVERY SITE/SUMTER 400 NORTH RICHNEY STREET PASADENA, TX 77506		U.S. EPA ID Number				
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1.	1. UN1993, RQ, Waste Flammable Liquids, (2.0.2., petroleum hydrocarbons), 3, PG III, ERG# 128	1	TT	17,240		001 0018 0029 0035 0040
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information AG1829 Residue Shipment Reference Manifest #: 006581896FLE						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name DOUG EYRAUD		Signature 			Month Day Year 10 14 13	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Robert Harper		Signature 			Month Day Year 10 14 13	
Transporter 2 Printed/Typed Name		Signature			Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature			Month Day Year	

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>ARD981512270</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>800-424-9300 #201378</b>		4. Manifest Tracking Number <b>005770569 FLE</b>				
		5. Generator's Name and Mailing Address <b>ASH GROVE CEMENT CO - FOREMAN</b> <b>4457 Highway 108</b> <b>FOREMAN, AR 71836</b> Generator's Phone: <b>(870) 542-3081</b>						Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name <b>Sprint Transport, LLC</b>		U.S. EPA ID Number <b>TXR000080316</b>										
7. Transporter 2 Company Name		U.S. EPA ID Number										
8. Designated Facility Name and Site Address <b>US OIL RECOVERY SITE/SUMTER</b> <b>400 NORTH RICHEY STREET</b> <b>PASADENA, TX 77506</b> Facility's Phone:		U.S. EPA ID Number										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No.	Type					
	X	1. UN1993, RQ, Waste Flammable Liquids, N.O.S., (petroleum hydrocarbons), 3, PG III, ERG# 128				1	TT	1,180	P	0001 0035	0018 0040	0028
		2.										
		3.										
	4.											
14. Special Handling Instructions and Additional Information  <b>AG1829</b> <b>Residue Shipment Reference Manifest #:</b> <b>006581904FLE</b>												
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offor's Printed/Typed Name <b>MATT AYLOR</b>						Signature 		Month   Day   Year <b>10   17   13</b>				
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____    Date leaving U.S.: _____											
	17. Transporter Acknowledgment of Receipt of Materials											
TRANSPORTER	Transporter 1 Printed/Typed Name <b>Pedro Lopez</b>						Signature 		Month   Day   Year _____			
	Transporter 2 Printed/Typed Name <b>Ronnie Torres</b>						Signature 		Month   Day   Year <b>10   20   13</b>			
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
	Manifest Reference Number: _____											
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number					
	Facility's Phone: _____											
	18c. Signature of Alternate Facility (or Generator)						Month   Day   Year _____					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. _____			2. _____			3. _____			4. _____			
Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Typed Name <b>Neal Lora</b>						Signature 		Month   Day   Year <b>10   20   13</b>				



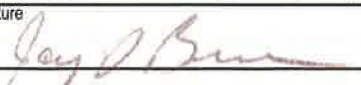

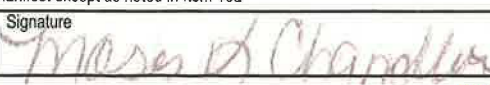
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ARD001512270	2. Page 1 of	3. Emergency Response Phone 800-424-8300 #201376	4. Manifest Tracking Number 005770585 FLE								
5. Generator's Name and Mailing Address ASH GROVE CEMENT CO - FOREMAN 4457 Highway 108 FOREMAN, AR 71836 Generator's Phone: (870) 542-3081		Generator's Site Address (if different than mailing address)											
6. Transporter 1 Company Name Sprint Transport, LLC		U.S. EPA ID Number TXR000080316											
7. Transporter 2 Company Name		U.S. EPA ID Number											
8. Designated Facility Name and Site Address US OIL RECOVERY SITE/SUMTER 400 NORTH RICHEY STREET PASADENA, TX 77506 Facility's Phone: (803) 940-5304		U.S. EPA ID Number TXR000051540											
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes							
		No.	Type										
		1. X	UN1003, RQ, Waste Flammable Liquids, N.O.S., (petroleum oil, benzene), 3, PG III, ERO# 128						1	TT	7,240	P	D001 D013 D028 D035 D040
		2.											
		3.											
4.													
14. Special Handling Instructions and Additional Information AG1829 Residue Shipment Reference Manifest #: 006581911FLE													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offor's Printed/Typed Name COLLETTIE BROWN		Signature Collette Brown			Month Day Year 10 23 13								
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name L. L. L. L.		Signature L. L. L. L.			Month Day Year 1 23 13								
Transporter 2 Printed/Typed Name		Signature			Month Day Year								
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number:													
18b. Alternate Facility (or Generator) U.S. EPA ID Number													
Facility's Phone:													
18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1.		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name Neal Lonoza		Signature Neal Lonoza			Month Day Year 10 24 13								



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>ARD081512270</b>		2. Page 1 of <b>1</b>		3. Emergency Response Phone <b>800-424-9300 #201378</b>		4. Manifest Tracking Number <b>005770596 FLE</b>				
		5. Generator's Name and Mailing Address <b>ASH GROVE CEMENT CO - FOREMAN</b> <b>4457 Highway 108</b> <b>FOREMAN, AR 71830</b> Generator's Phone: <b>(870) 642-3081</b>						Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name <b>Sprint Transport, LLC</b>		U.S. EPA ID Number <b>TXR0000090316</b>										
7. Transporter 2 Company Name		U.S. EPA ID Number										
8. Designated Facility Name and Site Address <b>US OIL RECOVERY SITE/SUMTER</b> <b>400 NORTH RICHEY STREET</b> <b>SADENA, TX 77506</b> Facility's Phone: <b>(803) 840-5304</b>		U.S. EPA ID Number <b>TXR000051540</b>										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No. Type						
	<b>X</b>	<b>1. UN1983, RQ, Waste Flammable Liquids, N.O.S., (petroleum oil, benzene), 3, PG III, ERG# 128</b>				<b>1 TT</b>		<b>5,120 P</b>		<b>D001 D012 D028</b> <b>D035 D040</b>		
14. Special Handling Instructions and Additional Information  <b>AG1829</b> <b>Residue Shipment Reference Manifest #: 005891915FLE</b>												
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offor's Printed/Typed Name <b>JOEY BREWER</b>						Signature 		Month <b>11</b>		Day <b>27</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____												
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials											
	Transporter 1 Printed/Typed Name <b>B. C. ...</b>						Signature 		Month 		Day 	
Transporter 2 Printed/Typed Name						Signature		Month		Day		
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
	Manifest Reference Number: _____											
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number					
	Facility's Phone: _____											
18c. Signature of Alternate Facility (or Generator)												
Month    Day    Year												
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1.		2.		3.		4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name <b>Neal L. ...</b>						Signature 		Month <b>11</b>		Day <b>29</b>		
								Year <b>13</b>				

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>AKLA81512270</b>		2. Page 1 of 1		3. Emergency Response Phone <b>850-424-1330 #201376</b>		4. Manifest Tracking Number <b>005770809 FLE</b>			
		5. Generator's Name and Mailing Address <b>CONCRETE CO - FOREMAN</b> <b>4457 Highway 108</b> <b>FOREMAN, AR 71836</b> Generator's Phone: <b>(870) 542-3081</b>		Generator's Site Address (if different than mailing address)							
6. Transporter 1 Company Name <b>Sprint Transport, LLC</b>		U.S. EPA ID Number <b>TXR000080316</b>									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>US OIL RECOVERY SITE/SUMTER</b> <b>400 NORTH RICHEY STREET</b> <b>PASADENA, TX 77506</b> Facility's Phone: <b>(303) 840-5304</b>		U.S. EPA ID Number <b>TXR000051540</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
	X	1. UN1993, RG, Waste Flammable Liquids, N.O.S., (petroleum oil, benzene), 3, PG III, ERG# 128				1	TT	5,560	g	D001 D012 D026 D035 D040	
		2.									
		3.									
	4.										
14. Special Handling Instructions and Additional Information <b>AG1529</b> <b>Residue Shipment Reference Manifest #:</b> <b>000581921FLE</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name: <b>TIMOTHY HOWARD</b> Signature: <i>Timothy Howard</i> Month: <b>11</b> Day: <b>10</b> Year: <b>13</b>											
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
TRANSPORTER	Transporter 1 Printed/Typed Name: <b>Robert Harper</b> Signature: <i>Robert Harper</i> Month: <b>11</b> Day: <b>10</b> Year: <b>13</b>										
	Transporter 2 Printed/Typed Name: _____      Signature: _____      Month: _____ Day: _____ Year: _____										
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator)      U.S. EPA ID Number: _____										
	Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator)      Month: _____ Day: _____ Year: _____											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1.		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name: <b>Neal Lonora</b> Signature: <i>Neal Lonora</i> Month: <b>11</b> Day: <b>11</b> Year: <b>13</b>											



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number ARD581512270		2. Page 1 of 1		3. Emergency Response Phone 800-424-9300 #201376		4. Manifest Tracking Number <b>005770601 FLE</b>			
		5. Generator's Name and Mailing Address <b>ASTOR ROVE CEMENT CO - FOREMAN</b> <b>4457 Highway 108</b> <b>FOREMAN, AR 71838</b> Generator's Phone: <b>(870) 642-3081</b>						Generator's Site Address (if different than mailing address)			
6. Transporter 1 Company Name <b>Sprint Transport, LLC</b>						U.S. EPA ID Number <b>TXR0000080316</b>					
7. Transporter 2 Company Name						U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>US OIL RECOVERY SITE/SUMTER</b> <b>400 NORTH RICHEY STREET</b> <b>PASADENA, TX 77506</b> Facility's Phone: <b>(803) 840-5304</b>						U.S. EPA ID Number <b>TXR000051540</b>					
<b>GENERATOR</b>	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
	X	1. DWT983, RQ, Waste Flammable Liquids, N.O.S., (petroleum oil, benzene), 3. PG III, ERG# 128				1	TT	2,800 F 10,620		D001 D018 D028 D035 D040	
14. Special Handling Instructions and Additional Information <b>AG1829</b> <b>Residue Shipment Reference Manifest #:</b> <b>006581916FLE</b>											
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <b>JOEY BREWER</b>						Signature 		Month   Day   Year <b>10   30   13</b>			
<b>TRANSPORTER</b>	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____    Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name    Signature    Month   Day   Year <b>Pedro Capetillo</b>  _____ Transporter 2 Printed/Typed Name    Signature    Month   Day   Year _____    _____    _____										
<b>DESIGNATED FACILITY</b>	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator)    U.S. EPA ID Number										
	Facility's Phone: _____										
	18c. Signature of Alternate Facility (or Generator)    Month   Day   Year _____    _____    _____										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. _____ 2. _____ 3. _____ 4. _____											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name    Signature    Month   Day   Year <b>Moses K Chandler</b>  _____    _____ <b>3</b>											

**APPENDIX H**

**NON-PROCESSIBLE ROLL-OFF BOX SAMPLE LABORATORY AND  
VALIDATION REPORTS**



## Data Validation Report ALS Report SDG: HS14101005

**Sample Dates:** October 24, 2014

**Golder  
Project No.:** 1303116

**Laboratory:** ALS Environmental

(Texas NELAP Certification  
T104704231-14-14)

**Golder  
Client:** USOR PRP Group

**SDG:** HS14101005

**Intended Use** Waste Disposal Characterization

**Site:** Former U.S. Oil Recovery Site, Pasadena, Texas

This data validation report has been prepared by Golder Associates, Inc. (Golder) to assess the validity and usability of laboratory analytical data generated from samples collected from roll-off boxes containing solidified sludge waste at the Former U.S. Oil Recovery Site located at 400 N. Richey Street in Pasadena, Texas 77506 (the "Site") on October 24, 2014.

Two solid samples and one laboratory quality control sample (trip blank) are included in this data validation report. This report is completed in reference to the Quality Assurance Project Plan, Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 2012). Table 1 below presents a complete cross-referenced listing of samples collected. According to the laboratory, standard operating procedures are compliant with the methods requested.

**TABLE 1: Cross Reference and Analysis Summary**

Field ID	Sample Type	Laboratory ID	Matrix	Organics			Inorganics				
				Semivolatiles	Volatiles	Texas TPH	Moisture	Reactive Cyanide, sulfide	pH	Metals	Burn Rate
USOR-SS-RO180, 135, 185, 150	SA	HS14101005-01	Solid	X	X	X	X	X	X	X	X
USOR-SS-RO204, 166, 191, 169	SA	HS14101005-02	Solid	X	X	X	X	X	X	X	X
Trip Blank – 101614-51	TR	Trip Blank – 101614-51	Solid		X						

Notes: SA = Sample TR = Trip Blank



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## Data Validation Report ALS Report SDG: HS14101005

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The analytical data were evaluated for quality assurance and quality control (QA/QC) based on general accordance with the following documents: Quality Assurance Project Plan (QAPP) Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 30, 2012), USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010) and Test Methods for Evaluating Solid Waste, Physical/Chemical Methods: SW-846 On-line updated September 04, 2013. Analytical services for analysis of 2 samples were provided by ALS Environmental (ALS) in Houston, Texas.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness and comparability relative to the project data quality objectives. This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability of the data.

If an item was found outside of the review criteria, the reviewer applied a data qualifier (DQ) and bias code to the results for the affected samples. A list of all qualified results and definitions of the qualifier and bias codes are given in Table 2.

At the time the laboratory data were generated for this project, ALS Environmental (Houston, TX) was National Environmental Laboratory Accreditation Program (NELAP) accredited under the Texas Laboratory Accreditation Program (TLAP): T104704231-14-14. However, the laboratory does not hold current Texas certification for cyclohexane and benzaldehyde.

Reviewer: Brett Forthaus 01/07/2015



## QUALITY CONTROL PARAMETERS AND OUTCOMES

### Chain-of-Custody

Proper sample custody procedures were used, which confirms that the integrity of the samples was maintained. The trip blank was not listed on the chain of custody; however, the trip blank was analyzed. RCI was noted to be held and analyzed at a later date. Otherwise, information on the custody records is complete and agrees with that in the field notes and laboratory reports.

### Sample Condition

Samples were collected in appropriate containers, properly preserved in the field, and prepared and analyzed within the holding times as required in the analytical methods, with the following exceptions:

- According to the sample receipt checklist, total petroleum hydrocarbon (TPH) was collected in bulk sample jar.
- The temperature of the cooler at receipt was 18°C; however, temperature preservation was noted and the laboratory noted that the cooling process was not complete based on samples being collected the same day.

### Field Procedures

Samples were collected with a hand auger or similar and consisted of composite samples acquired in accordance with Addendum 5 to AOC Work Plan - Remaining Roll-off Box Waste Removal and Cleaning Work Plan.

## INORGANICS ANALYSIS

The following data review was performed for 2 solid (sludge) samples listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were analyzed per EPA SW 846 Method 6010B for Metals, Method 1030 for Burn Rate, Method 3550 for Moisture, Method 7.3.3.2 for Reactive Cyanide and Sulfide, and Method 9045B for pH.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (minor qualifications noted in the sections below).
- ☐ Some or all data are unusable for any purpose (detailed below).





## Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.

## Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

No, with the following exceptions:

- According to the sample receipt checklist, TPH was collected in bulk sample jar.
- The temperature of the cooler at receipt was 18°C; however, temperature preservation was noted and the laboratory noted that the cooling process was not complete based on samples being collected the same day.

All issues noted in the case narrative are discussed below and in the following sections where necessary.

Samples for inorganic analyses were received at the Houston, Texas ALS laboratory in good condition. However the temperature upon arrival was 18°C. The laboratory noted that the cooling process was not complete. Therefore, this does not affect data quality.

## Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All samples were analyzed within method specific holding time requirements with the exception of pH. The purpose for analysis of the submitted samples is for use in waste profiling for disposal. The expired holding time for pH does not affect the intended use.

## Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

No. Analytes were not detected in associated method blanks. There was no equipment blank associated with this SDG. Calibration blanks are not applicable to level II data validation.

## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria.



## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on another client's sample. The MS recovery for Barium was above QC limits and the MSD recovery for Barium, Silver, and Lead were outside QC limits, but the sample amount for Barium and Lead was greater than four times the amount spiked and all LCS recoveries were within evaluation criteria; therefore, data quality is not affected.

## Serial Dilution Analysis (Metals only)

*Were serial dilution recoveries within evaluation criteria?*

Yes. The post digestion spike performed as part of this SDG was from a non-site specific sample, but the results were included in this SDG. The %RPD for Lead was above QC limits. Lead detections for the samples associated with this serial dilution analysis were qualified "J" (estimated value) as listed on Table 2.

## Post Digestive Spike (Metals only)

*Were post digestive spike recoveries within evaluation criteria?*

Yes. The post digestion spike performed as part of this SDG was from a non-site specific sample, but the results were included in this SDG. The sample amount for Barium and Lead was greater than four times the amount spiked, but all PDS recoveries were within evaluation criteria.

## Laboratory Duplicate Results

*Were laboratory duplicate samples performed as part of this SDG?*

Yes. The duplicate analysis performed as part of this SDG was from a non-site specific sample, but results were included in this SDG. Laboratory duplicate results (%RPD values) from the non-site specific sample were within evaluation criteria.

## Field Duplicate Results

*Were field duplicate samples collected as part of this SDG?*

No.

*Were field duplicates within evaluation criteria?*

No field duplicate samples were collected as part of this SDG.



## Detects and Calibration Range

*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

## Additional Qualifications

*Were additional qualifications applied?*

No.

## ORGANICS ANALYSES

The following data review was performed for 2 solid (sludge) sample listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were per EPA SW 846 Method 8260C for Volatiles, Method 8270D for Semivolatiles, and Texas Method TX1005 for TPH.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (minor qualifications noted in the sections below).
- ☐ Some or all data are unusable for any purpose (detailed below).

## Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.

## Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

No, with the following exceptions:

- According to the sample receipt checklist, TPH was collected in bulk sample jar.



- The temperature of the cooler at receipt was 18°C; however, temperature preservation was noted and the laboratory noted that the cooling process was not complete based on samples being collected the same day.

All issues noted in the case narrative are discussed below and in the following sections where necessary.

Samples for inorganic analyses were received at the Houston, Texas ALS laboratory in good condition. However the temperature upon arrival was 18°C. The laboratory noted that the cooling process was not complete. Therefore, this does not affect data quality.

## Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All samples were analyzed within method specific holding time requirements with the exception of pH. The purpose for analysis of the submitted samples is for use in waste profiling for disposal. The expired holding time for pH does not affect the intended use.

## Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

No. Analytes were not detected in associated method blanks. There was no equipment blank associated with this SDG. Calibration blanks are not applicable to level II data validation.

## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria.

## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on another client's sample. The MS recovery for nC6 to nC12 and >nC12 to nC28 [Batch ID: 87320]; Hexachlorocyclopentadiene [87578]; 1,2,4-Trichlorobenzene and Tetrachloroethene [R243478]; and 1,1,1-Trichloroethane [R243575] were outside QC limits and the MSD recovery for nC6 to nC12 [87320]; 3-Nitroaniline, Bis(2-chloroisopropyl)ether, and Hexachlorocyclopentadiene [87578]; 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, and 1,4-Dichlorobenzene [R243478]; and Dichlorodifluoromethane [R243575] were outside QC limits, but all LCS recoveries were within evaluation criteria; therefore, data quality is not affected and no data qualification is required.



## Surrogate Spikes

*Were surrogate spike recoveries within evaluation criteria?*

No, surrogate spike recoveries for volatiles, semivolatiles, and TPH did not meet evaluation criteria for certain compounds. For the volatiles analysis, the percent recovery for the surrogate Dibromofluoromethane was below QC limits for both soil samples. For the semivolatiles analysis, the percent recovery for all six surrogates were below QC limits for USOR-SS-R0180,135,185,150 and three of six surrogates were below QC limits for USOR-SS-R0204,166,191,169. For TPH analysis, 2-Fluorobiphenyl was below QC limits for USOR-SS-R0180,135,185,150 and both 2-Fluorobiphenyl and Trifluoromethyl benzene were below QC limits for USOR-SS-R0204,166,191,169. Due to low surrogate recoveries, all detections for volatiles, semivolatiles, and TPH were qualified "J" (estimated value) as listed on Table 2.

## Serial Dilution Analysis (Metals only)

*Were serial dilution recoveries within evaluation criteria?*

Serial dilutions are not required for organic analysis methods.

## Post Digestive Spike (Metals only)

*Were post digestive spike recoveries within evaluation criteria?*

PDS are not required for organic analysis methods.

## Laboratory Duplicate Results

*Were laboratory duplicate samples performed as part of this SDG?*

Yes. The duplicate analysis was performed on a non-site specific sample, but results were provided in this SDG. Laboratory duplicate results (%RPD values) from the non-site specific samples were within evaluation criteria.

## Field Duplicate Results

*Were field duplicate samples collected as part of this SDG?*

No.

*Were field duplicates within evaluation criteria?*

No field duplicate samples were collected as part of this SDG.



## Detects and Calibration Range

*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

## Additional Qualifications

*Were additional qualifications applied?*

No.



## Overall Data Assessment

EPA level II validation was performed on all samples. No transcription or calculation errors were found. The data are usable for its intended purpose based on an evaluation of the QC parameters discussed in this report. Some data were qualified as estimated due to the inability to meet all QC criteria. Some volatiles, semivolatiles, and TPH results were qualified based on their surrogates. The table below summarizes the final qualifications for the analytical data.

**TABLE 2: Data Qualifier Summary**

Field ID	Analysis	Analyte	Qualifier	Reason Code
USOR-SS-RO180,135,185,150	8260	Cyclohexane	n,J	1,8
USOR-SS-RO180,135,185,150	8270	Benzaldehyde	n	1
USOR-SS-RO204, 166, 191, 169	8260	Cyclohexane	n,J	1,8
USOR-SS-RO204, 166, 191, 169	8270	Benzaldehyde	n	1
USOR-SS-RO180,135,185,150	6020	Lead	J	7
USOR-SS-RO204, 166, 191, 169	6020	Lead	J	7
USOR-SS-RO180,135,185,150	8260	2-Butatone	J	8
USOR-SS-RO180,135,185,150	8260	Acetone	J	8
USOR-SS-RO180,135,185,150	8260	Methyl tert-butyl ether	J	8
USOR-SS-RO180,135,185,150	8260	Methylcyclohexane	J	8
USOR-SS-RO180,135,185,150	8260	Tetrachloroethene	J	8
USOR-SS-RO180,135,185,150	8260	Trichloroethene	J	8
USOR-SS-RO180,135,185,150	8270	1,1'-Biphenyl	J	8
USOR-SS-RO180,135,185,150	8270	2-Methylnapthalene	J	8
USOR-SS-RO180,135,185,150	8270	Bis(2-ethylhexyl)phthalate	J	8
USOR-SS-RO180,135,185,150	8270	Fluorene	J	8
USOR-SS-RO180,135,185,150	8270	Napthalene	J	8
USOR-SS-RO180,135,185,150	8270	Phenanthrene	J	8
USOR-SS-RO180,135,185,150	8270	Pyrene	J	8
USOR-SS-RO180,135,185,150	TX1005	nC6 to nC12	J	8





## Data Validation Report ALS Report SDG: HS14101005

USOR-SS-RO180,135,185,150	TX1005	>nC12 to nC28	J	8
USOR-SS-RO180,135,185,150	TX1005	>nC28 to nC35	J	8
USOR-SS-RO180,135,185,150	TX1005	Total Petroleum Hydrocarbon	J	8
USOR-SS-RO204, 166, 191, 169	8260	2-Butatone	J	8
USOR-SS-RO204, 166, 191, 169	8260	Acetone	J	8
USOR-SS-RO204, 166, 191, 169	8260	Chlorobenzene	J	8
USOR-SS-RO204, 166, 191, 169	8260	Methylcyclohexane	J	8
USOR-SS-RO204, 166, 191, 169	8260	Tetrachloroethene	J	8
USOR-SS-RO204, 166, 191, 169	8260	Trichloroethene	J	8
USOR-SS-RO204, 166, 191, 169	8270	2-Methylnaphthalene	J	8
USOR-SS-RO204, 166, 191, 169	8270	Bis(2-ethylhexyl)phthalate	J	8
USOR-SS-RO204, 166, 191, 169	8270	Naphthalene	J	8
USOR-SS-RO204, 166, 191, 169	8270	Phenanthrene	J	8
USOR-SS-RO204, 166, 191, 169	TX1005	nC6 to nC12	J	8
USOR-SS-RO204, 166, 191, 169	TX1005	>nC12 to nC28	J	8
USOR-SS-RO204, 166, 191, 169	TX1005	>nC28 to nC35	J	8
USOR-SS-RO204, 166, 191, 169	TX1005	Total Petroleum Hydrocarbon	J	8
USOR-SS-RO180,135,185,150	9045	pH	H	6
USOR-SS-RO204, 166, 191, 169	9045	pH	H	6
Trip Blank	8260	Cyclohexane	n	1

### Data Validation Qualifier Codes:

**n** = not offered for accreditation

**U** = Non-detect. The compound was analyzed for, but not detected.

**J** = Estimated. The associated numerical value is an estimated quantity. The analyte was detected but the reported value may not be accurate or precise.

**S** = Spike recovery outside laboratory control limits

**JL** = estimated with a low bias, **JH** = Estimated with high bias.

**UJ** = Estimated Non-detect. The analyte was not detected above the method detection limit. However, it is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate or other spike recovery.



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## Data Validation Report

### ALS Report SDG: HS14101005

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#### **Data Qualifier Reason Codes:**

- 1 The laboratory was not NELAC certified for the indicated analyte.
- 2 Analyte detected below quantitation limit.
- 3 Surrogate recoveries could not be determined due to dilution below the calibration range.
- 4 Failed recovery criteria due to matrix interference.
- 5 Could not be evaluated due to 50x dilution.
- 6 pH is an immediate test.
- 7 %RPD for serial dilution analysis exceeded QC limits.
- 8 Surrogate recoveries were below reporting limits.



## Data Validation Report ALS Report SDG: HS14110447

**Sample Dates:** February 4, 2015

**Golder  
Project No.:** 1303116

**Laboratory:** ALS Environmental

(Texas NELAP Certification  
T104704231-14-14)

**Golder  
Client:** USOR PRP Group

**SDG:** HS14110447

**Intended Use** Waste Disposal Characterization

**Site:** Former U.S. Oil Recovery Site, Pasadena, Texas

This data validation report has been prepared by Golder Associates, Inc. (Golder) to assess the validity and usability of laboratory analytical data generated from samples collected from liquid storage containers at the Former U.S. Oil Recovery Site located at 400 N. Richey Street in Pasadena, Texas 77506 (the "Site") on November 12, 2014.

Three aqueous samples and two quality control samples (equipment blank and trip blank) are included in this data validation report. This report is completed in reference to the Quality Assurance Project Plan (QAPP), Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 2012). Table 1 below presents a complete cross-referenced listing of samples collected. According to the laboratory, standard operating procedures are compliant with the methods requested.

**TABLE 1: Cross Reference and Analysis Summary**

Field ID	Sample Type	Laboratory ID	Matrix	Organics			Inorganics				
				Semivolatiles	Volatiles	Texas TPH	Moisture	Reactive Cyanide, sulfide	pH	Metals	Burn Rate
USOR-Adler A566 Frac Water	SA	HS14110447-01	Aq	X	X	X	X	X	X	X	X
USOR-R0097 Water	SA	HS14110447-02	Aq	X	X	X	X	X	X	X	X
USOR-R0097 LNAPL	SA	HS14110447-03	Aq	X	X	X	X	X	X	X	X
Eqpt BL #1	EB	HS14110447-04	Aq	X	X	X	X	X	X	X	X
Trip Blank – 110314-17	TR	Trip Blank – 110314-17	Aq		X						

Notes: SA = Sample EB = Equipment Blank TR = Trip Blank



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**Data Validation Report**  
**ALS Report SDG: HS14110447**

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The analytical data were evaluated for quality assurance and quality control (QA/QC) based on general accordance with the following documents: Quality Assurance Project Plan (QAPP) Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 30, 2012), USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010, revised August 2014), USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Data Review (January 2010, revised August 2014) and Test Methods for Evaluating Solid Waste, Physical/Chemical Methods: SW-846 On-line updated September 04, 2013. Analytical services for analysis of the samples were provided by ALS Environmental (ALS) in Houston, Texas.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness and comparability relative to the project data quality objectives. This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability of the data.

If an item was found outside of the review criteria, the reviewer applied a data qualifier (DQ) and bias code to the results for the affected samples. A list of all qualified results and definitions of the qualifier and bias codes are given in Table 2.

At the time the laboratory data were generated for this project, ALS Environmental (Houston, TX) was National Environmental Laboratory Accreditation Program (NELAP) accredited under the Texas Laboratory Accreditation Program (TLAP): T104704231-14-14. However, the laboratory does not hold current Texas certification for cyclohexane and benzaldehyde.

Reviewer: Jing Song Xi 02/04/2015



## QUALITY CONTROL PARAMETERS AND OUTCOMES

### Chain-of-Custody

Proper sample custody procedures were used, which confirms that the integrity of the samples was maintained. The trip blank was not listed on the chain of custody; however, the trip blank was analyzed. RCI was noted to be held and analyzed at a later date. Otherwise, information on the custody records is complete and agrees with that in the field notes and laboratory reports.

### Sample Condition

Samples were collected in appropriate containers, properly preserved in the field, and prepared and analyzed within the holding times as required in the analytical methods (with the exception of pH as mentioned below..

### Field Procedures

Samples were collected as a grab sample, directly into laboratory provided sampling glassware, in accordance with Addendum 5 to AOC Work Plan - Remaining Roll-off Box Waste Removal and Cleaning Work Plan.

## INORGANICS ANALYSIS

The following data review was performed for 3 aqueous samples listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were analyzed per EPA SW 846 Method 6010B for Metals, Method 1030 for Burn Rate, Method 3550 for Moisture, Method 7.3.3.2 for Reactive Cyanide and Sulfide, and Method 9045B for pH.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (minor qualifications noted in the sections below).
- ☐ Some or all data are unusable for any purpose (detailed below).

### Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.



## Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

No, problems were not noted.

## Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All samples were analyzed within method specific holding time requirements with the exception of pH. The purpose for analysis of the submitted samples is for use in waste profiling for disposal. The expired holding time for pH does not affect the intended use.

## Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

Lead was detected in a method blank [Batch ID: 87990] at 0.054 mg/Kg. Lead was detected in the sample at a concentration >10x the method blank detection, therefore, no qualification is required. Calibration blanks are not applicable to level II data validation. No analytes were detected in the equipment blank.

## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria.

## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on another client's sample. The MS/MSD recovery for Barium was outside QC limits, but the sample amount for Barium was greater than four times the amount spiked and all LCS recoveries were within evaluation criteria; therefore, data quality is not affected.

## Serial Dilution Analysis (Metals only)

*Were serial dilution recoveries within evaluation criteria?*



Yes. The post digestion spike performed as part of this SDG was from a non-site specific sample, but the results were included in this SDG. All serial dilution recoveries were within evaluation criteria.

## Post Digestive Spike (Metals only)

*Were post digestive spike recoveries within evaluation criteria?*

Yes. The post digestion spike performed as part of this SDG was from a non-site specific sample, but the results were included in this SDG. The sample amount for Barium was greater than four times the amount spiked, but all PDS recoveries were within evaluation criteria.

## Laboratory Duplicate Results

*Were laboratory duplicate samples performed as part of this SDG?*

Yes. The duplicate analysis performed as part of this SDG was from a non-site specific sample, but results were included in this SDG. Laboratory duplicate results (%RPD values) from the non-site specific sample were within evaluation criteria, except for Lead [Batch ID: 87990]. Lead in this preparation batch has been qualified "J" in Table 2.

## Field Duplicate Results

*Were field duplicate samples collected as part of this SDG?*

No.

*Were field duplicates within evaluation criteria?*

No field duplicate samples were collected as part of this SDG.

## Detects and Calibration Range

*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

## Additional Qualifications

*Were additional qualifications applied?*

No.





## ORGANICS ANALYSES

The following data review was performed for 3 aqueous samples listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were per EPA SW 846 Method 8260C for Volatiles, Method 8270D for Semivolatiles, and Texas Method TX1005 for TPH.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (minor qualifications noted in the sections below).
- ☐ Some or all data are unusable for any purpose (detailed below).

### Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.

### Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

No, no problems were noted.

### Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All samples were analyzed within method specific holding time requirements with the exception of pH. The purpose for analysis of the submitted samples is for use in waste profiling for disposal. The expired holding time for pH does not affect the intended use.

### Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

No. Analytes were not detected in associated method blanks. Calibration blanks are not applicable to level II data validation. No analytes were detected in the equipment blank.



## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria, except for 1,2-dibromo-3-chloropropane [R244959]. 1,2-Dibromo-3-chloropropane in this preparation batch (affecting USOR-RO097 LNAPL) has been qualified "J" in Table 2.

## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on another client's sample. The MS recovery for >nC12 to nC28 [Batch ID: 87954], numerous semivolatiles, and numerous volatiles were outside QC limits. With the exception of 1,2-dibromo-3-chloropropane [R244959], LCS recoveries were within evaluation criteria, data quality is not affected and no data qualification is required. 1,2-Dibromo-3-chloropropane in this preparation batch has been qualified "J" in Table 2.

## Surrogate Spikes

*Were surrogate spike recoveries within evaluation criteria?*

No, surrogate spike recoveries for TPH did not meet evaluation criteria for certain compounds. For TPH analysis, both 2-Fluorobiphenyl and Trifluoromethyl benzene were below QC limits for USOR-RO097 LNAPL. Due to low surrogate recoveries, all detections for TPH for USOR-RO097 LNAPL were qualified "J" (estimated value) as listed on Table 2.

## Serial Dilution Analysis (Metals only)

*Were serial dilution recoveries within evaluation criteria?*

Serial dilutions are not required for organic analysis methods.

## Post Digestive Spike (Metals only)

*Were post digestive spike recoveries within evaluation criteria?*

PDS are not required for organic analysis methods.

## Laboratory Duplicate Results

*Were laboratory duplicate samples performed as part of this SDG?*



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## Data Validation Report ALS Report SDG: HS14110447

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Yes. The duplicate analysis was performed on a non-site specific sample, but results were provided in this SDG. Laboratory duplicate results (%RPD values) from the non-site specific samples were within evaluation criteria.

### Field Duplicate Results

*Were field duplicate samples collected as part of this SDG?*

No.

*Were field duplicates within evaluation criteria?*

No field duplicate samples were collected as part of this SDG.

### Detects and Calibration Range

*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

### Additional Qualifications

*Were additional qualifications applied?*

No.



## Overall Data Assessment

EPA level II validation was performed on all samples. No transcription or calculation errors were found. The data are usable for its intended purpose based on an evaluation of the QC parameters discussed in this report. Some data were qualified as estimated due to the inability to meet all QC criteria. Some TPH results were qualified based on their surrogates. The table below summarizes the final qualifications for the analytical data.

**TABLE 2: Data Qualifier Summary**

Field ID	Analysis	Analyte	Qualifier	Reason Code
USOR-Adler A566 Frac Water	8260	Cyclohexane	n	1
USOR-Adler A566 Frac Water	8260	Carbon Disulfide	J	2
USOR-Adler A566 Frac Water	8260	Isopropylbenzene	J	2
USOR-Adler A566 Frac Water	8260	Methyl tert0butyl ether	J	2
USOR-Adler A566 Frac Water	8270	Benzaldehyde	n	1
USOR-Adler A566 Frac Water	8270	2-Methylphenol	J	2
USOR-Adler A566 Frac Water	8270	3&4-Methylphenol	J	2
USOR-Adler A566 Frac Water	8270	Acetophenone	J	2
USOR-Adler A566 Frac Water	8270	Bis(2-ethylhexyl)phthalate	J	2
USOR-Adler A566 Frac Water	8270	Naphthalene	J	2
USOR-Adler A566 Frac Water	6020	Chromium	J	2
USOR-Adler A566 Frac Water	7470	Mercury	J	2
USOR-Adler A566 Frac Water	SM4500H+	pH	J	4
USOR-R0097 Water	8260	Cyclohexane	n	1
USOR-R0097 Water	8260	Benzene	J	2
USOR-R0097 Water	8260	Isopropylbenzene	J	2
USOR-R0097 Water	8260	Methylcyclohexane	J	2
USOR-R0097 Water	8260	Tetrachloroethene	J	2
USOR-R0097 Water	8260	Trichloroethene	J	2
USOR-R0097 Water	8270	Benzaldehyde	n	1
USOR-R0097 Water	8270	Benz(a)anthracene	J	2
USOR-R0097 Water	6020	Arsenic	J	2
USOR-R0097 Water	6020	Barium	J	2
USOR-R0097 Water	6020	Lead	J	2
USOR-R0097 Water	7470	Mercury	J	2
USOR-R0097 Water	SM4500H+	pH	J	4
USOR-R0097 LNAPL	8260	Cyclohexane	n	1



## Data Validation Report ALS Report SDG: HS14110447

USOR-R0097 LNAPL	8260	1,2-Dibromo-3-chloropropane	J	5
USOR-R0097 LNAPL	8260	Isopropylbenzene	J	2
USOR-R0097 LNAPL	8260	Methylcyclohexane	J	2
USOR-R0097 LNAPL	8260	Toluene	J	2
USOR-R0097 LNAPL	8270	Benzaldehyde	n	1
USOR-R0097 LNAPL	8270	2-Methylnaphthalene	J	2
USOR-R0097 LNAPL	8270	Chrysene	J	2
USOR-R0097 LNAPL	8270	Di-n-butyl phthalate	J	2
USOR-R0097 LNAPL	8270	Naphthalene	J	2
USOR-R0097 LNAPL	8270	Pyrene	J	2
USOR-R0097 LNAPL	6020	Arsenic	J	2
USOR-R0097 LNAPL	6020	Cadmium	J	2
USOR-R0097 LNAPL	6020	Lead	J	6
USOR-R0097 LNAPL	6020	Silver	J	2
USOR-R0097 LNAPL	TX1005	>nC12 to nC28	J	3
USOR-R0097 LNAPL	TX1005	>nC28 to nC35	J	3
USOR-R0097 LNAPL	TX1005	Total Petroleum Hydrocarbon	J	3
USOR-R0097 LNAPL	SM4500H+	pH	J	4
Eqpt BL #1	8260	Cyclohexane	n	1
Eqpt BL #1	8270	Benzaldehyde	n	1
Eqpt BL #1	SM4500H+	pH	J	4
Trip Blank – 110314-17	8260	Cyclohexane	n	1
Trip Blank – 110314-17	8260	Acetone	J	2

### Data Validation Qualifier Codes:

**n** = not offered for accreditation

**U** = Non-detect. The compound was analyzed for, but not detected.

**J** = Estimated. The associated numerical value is an estimated quantity. The analyte was detected but the reported value may not be accurate or precise.

**S** = Spike recovery outside laboratory control limits

**JL** = estimated with a low bias, **JH** = Estimated with high bias.

**UJ** = Estimated Non-detect. The analyte was not detected above the method detection limit. However, it is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate or other spike recovery.

### Data Qualifier Reason Codes:

1 The laboratory was not NELAC certified for the indicated analyte.

2 Analyte detected below quantitation limit.

3 Surrogate recoveries could not be determined due to dilution below the calibration range.

4 pH is an immediate test, and samples were analyzed outside of holding time.

5 Recoveries for MS/MSD exceeded QC limits.

6 %RPD for duplicate analysis exceeded QC limits.



## Data Validation Report ALS Report SDG: HS14110471

**Sample Dates:** February 4, 2015

**Golder  
Project No.:** 1303116

**Laboratory:** ALS Environmental  
(Texas NELAP Certification  
T104704231-14-14)

**Golder  
Client:** USOR PRP Group

**SDG:** HS14110471

**Intended Use** Waste Disposal Characterization

**Site:** Former U.S. Oil Recovery Site, Pasadena, Texas

This data validation report has been prepared by Golder Associates, Inc. (Golder) to assess the validity and usability of laboratory analytical data generated from samples collected from roll-off boxes containing solidified sludge waste at the Former U.S. Oil Recovery Site located at 400 N. Richey Street in Pasadena, Texas 77506 (the "Site") on November 12, 2014.

One solid sample and one laboratory quality control sample (trip blank) are included in this data validation report. Two metal analytes (Chromium and Mercury) within the sample were subject to further analysis utilizing the Toxicity Characterization Leaching Procedure (TCLP). This report is completed in reference to the Quality Assurance Project Plan (QAPP), Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 2012). Table 1 below presents a complete cross-referenced listing of samples collected. According to the laboratory, standard operating procedures are compliant with the methods requested.

**TABLE 1: Cross Reference and Analysis Summary**

Field ID	Sample Type	Laboratory ID	Matrix	Organics			Inorganics				
				Semivolatiles	Volatiles	Texas TPH	Moisture	Reactive Cyanide, sulfide	pH	Metals	Burn Rate
USOR-SW-RO155, 101, 171, 131, ROMCC	SA	HS14101005-01	Solid	X	X	X	X	X	X	X	
TCLP USOR-SW-RO155, 101, 171, 131, ROMCC	SA	HS14120668-01	NAPL							X	
Trip Blank – 110314-19	TR	Trip Blank – 110314-19	Water		X						

Notes: SA = Sample TR = Trip Blank



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**Data Validation Report**  
**ALS Report SDG: HS14110471**

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The analytical data were evaluated for quality assurance and quality control (QA/QC) based on general accordance with the following documents: Quality Assurance Project Plan (QAPP) Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 30, 2012), USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010, revised August 2014), USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Data Review (January 2010, revised August 2014) and Test Methods for Evaluating Solid Waste, Physical/Chemical Methods: SW-846 On-line updated September 04, 2013. Analytical services for analysis of the samples were provided by ALS Environmental (ALS) in Houston, TX.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness and comparability relative to the project data quality objectives. This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability of the data.

If an item was found outside of the review criteria, the reviewer applied a data qualifier (DQ) and bias code to the results for the affected samples. A list of all qualified results and definitions of the qualifier and bias codes are given in Table 2.

At the time the laboratory data were generated for this project, ALS Environmental (Houston, TX) was National Environmental Laboratory Accreditation Program (NELAP) accredited under the Texas Laboratory Accreditation Program (TLAP): T104704231-14-14. However, the laboratory does not hold current Texas certification for cyclohexane and benzaldehyde.

Reviewer: Jing Song Xi 02/04/2015





## QUALITY CONTROL PARAMETERS AND OUTCOMES

### Chain-of-Custody

Proper sample custody procedures were used, which confirms that the integrity of the samples was maintained.

### Sample Condition

Samples were collected in appropriate containers, properly preserved in the field, and prepared and analyzed within the holding times as required in the analytical methods.

### Field Procedures

Samples were collected with a hand auger or similar and consisted of composite samples acquired in accordance with Addendum 5 to AOC Work Plan - Remaining Roll-off Box Waste Removal and Cleaning Work Plan.

## INORGANICS ANALYSIS

The following data review was performed for 1 solid (sludge) samples listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were analyzed per EPA SW 846 Method 6010B for Metals, Method 3550 for Moisture, Method 7.3.3.2 for Reactive Cyanide and Sulfide, and Method 9045B for pH.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

\_\_\_\_\_ Data are usable without qualification.

  X   Data are usable with qualification (minor qualifications noted in the sections below).

\_\_\_\_\_ Some or all data are unusable for any purpose (detailed below).

### Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.

### Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

No problems were noted.



## Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All samples were analyzed within method specific holding time requirements with the exception of pH. The purpose for analysis of the submitted samples is for use in waste profiling for disposal. The expired holding time for pH does not affect the intended use. Leaching by TCLP of Mercury 5 days outside of the holding time due to laboratory error and at request of the client. This result has been qualified with "J" in Table 2.

## Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

Yes. Lead was detected in an associated method blank [Batch ID: 87990] at 0.054 mg/Kg. Since the analyte was detected at a concentration >10x blank concentration, no qualification was made. There was no equipment blank associated with this SDG. Calibration blanks are not applicable to level II data validation.

## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria.

## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on another client's sample. The sample amount for Barium was greater than four times the amount spiked, but all PDS recoveries were within evaluation criteria. No issues were reported.

## Serial Dilution Analysis (Metals only)

*Were serial dilution recoveries within evaluation criteria?*

Yes. Serial dilutions performed as part of this SDG was on another client's sample, but the results were included in this SDG. No issues were reported.

## Post Digestive Spike (Metals only)

*Were post digestive spike recoveries within evaluation criteria?*



Yes. The post digestion spike performed as part of this SDG was on another client's sample, but the results were included in this SDG. The sample amount for Barium was greater than four times the amount spiked, but all PDS recoveries were within evaluation criteria.

## Laboratory Duplicate Results

*Were laboratory duplicate samples performed as part of this SDG?*

Yes. The duplicate analysis performed as part of this SDG was on another client's sample, but results were included in this SDG. Laboratory duplicate results (%RPD values) from the non-site specific sample were within evaluation criteria, except for Lead [87990]. This result has been quantified with "J" in Table 2.

## Field Duplicate Results

*Were field duplicate samples collected as part of this SDG?*

No.

*Were field duplicates within evaluation criteria?*

No field duplicate samples were collected as part of this SDG.

## Detects and Calibration Range

*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

## Additional Qualifications

*Were additional qualifications applied?*

No.



## ORGANICS ANALYSES

The following data review was performed for 1 solid (sludge) sample listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were per EPA SW 846 Method 8260C for Volatiles, Method 8270D for Semivolatiles and Texas Method TX1005 for TPH.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (minor qualifications noted in the sections below).
- ☐ Some or all data are unusable for any purpose (detailed below).

### Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.

### Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

No problems were noted.

### Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All samples were analyzed within method specific holding time requirements with the exception of pH. The purpose for analysis of the submitted samples is for use in waste profiling for disposal. The expired holding time for pH does not affect the intended use. Leaching by TCLP of Mercury 5 days outside of the holding time due to laboratory error and at request of the client. This result has been qualified with "J" in Table 2.

### Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

No. Analytes were not detected in associated method blanks. There was no equipment blank associated with this SDG. Calibration blanks are not applicable to level II data validation.



## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria, except for 1,2-Dibromo-3-chloropropane [R244959], which was outside QC limits. This result has been qualified as "J" in Table 2.

## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on another client's sample.

The MS/MSD recovery for numerous analytes were outside QC limits, but all LCS recoveries were within evaluation criteria; therefore, data quality is not affected and no data qualification is required. The only exception to this is 1,2-Dibromo-3-chloropropane [R244959], which was outside QC limits in both MS/MSD and LCS recoveries. This result has been qualified as "J" in Table 2.

## Surrogate Spikes

*Were surrogate spike recoveries within evaluation criteria?*

No, surrogate spike recoveries for volatiles, semivolatiles, and TPH did not meet evaluation criteria for certain compounds. For the semivolatiles analysis, the percent recovery for 2-fluorophenol was below QC limits for USOR-SW-RO155,101,171,131, ROMCC. For TPH analysis, 2-Fluorobiphenyl and Trifluoromethyl benzene were below QC limits for USOR-SW-RO155,101,171,131. Due to low surrogate recoveries, all detections for semivolatiles, and TPH were qualified "J" (estimated value) as listed on Table 2.

## Serial Dilution Analysis (Metals only)

*Were serial dilution recoveries within evaluation criteria?*

Serial dilutions are not required for organic analysis methods.

## Post Digestive Spike (Metals only)

*Were post digestive spike recoveries within evaluation criteria?*

PDS are not required for organic analysis methods.



## Laboratory Duplicate Results

*Were laboratory duplicate samples performed as part of this SDG?*

No, a duplicate analysis was not performed for this SDG.

## Field Duplicate Results

*Were field duplicate samples collected as part of this SDG?*

No.

*Were field duplicates within evaluation criteria?*

No field duplicate samples were collected as part of this SDG.

## Detects and Calibration Range

*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

## Additional Qualifications

*Were additional qualifications applied?*

No.



## Overall Data Assessment

EPA level II validation was performed on all samples. No transcription or calculation errors were found. The data are usable for its intended purpose based on an evaluation of the QC parameters discussed in this report. Some data were qualified as estimated due to the inability to meet all QC criteria. Some volatiles, semivolatiles, and TPH results were qualified based on their surrogates. The table below summarizes the final qualifications for the analytical data.

**TABLE 2: Data Qualifier Summary**

Field ID	Analysis	Analyte	Qualifier	Reason Code
USOR-SW-RO155, 101, 171, 131, ROMCC	6020	Cadmium	J	2
USOR-SW-RO155, 101, 171, 131, ROMCC	6020	Silver	J	2
USOR-SW-RO155, 101, 171, 131, ROMCC	7470	Mercury	J	5
USOR-SW-RO155, 101, 171, 131, ROMCC	8260	Methylcyclohexane	J	2
USOR-SW-RO155, 101, 171, 131, ROMCC	8260	1,2-dibromo-3-chloropropane	J	4
USOR-SW-RO155, 101, 171, 131, ROMCC	8260	Cyclohexane	n	1
USOR-SW-RO155, 101, 171, 131, ROMCC	8270	Benzaldehyde	n	1
USOR-SW-RO155, 101, 171, 131, ROMCC	8270	Bis(2-ethylhexyl)phthalate	J	6
USOR-SW-RO155, 101, 171, 131, ROMCC	TX1005	>nC12 to nC28	J	3
USOR-SW-RO155, 101, 171, 131, ROMCC	TX1005	>nC28 to nC35	J	3
USOR-SW-RO155, 101, 171, 131, ROMCC	TX1005	Total Petroleum Hydrocarbon	J	3
USOR-SW-RO155, 101, 171, 131, ROMCC	9045	pH	J	5
Trip Blank	8260	Cyclohexane	n	1
Trip Blank	8260	Acetone	J	2
Trip Blank	8260	Chloroform	J	2

### Data Validation Qualifier Codes:

**n** = not offered for accreditation

**U** = Non-detect. The compound was analyzed for, but not detected.

**J** = Estimated. The associated numerical value is an estimated quantity. The analyte was detected but the reported value may not be accurate or precise.

**S** = Spike recovery outside laboratory control limits

**JL** = estimated with a low bias, **JH** = Estimated with high bias.

**UJ** = Estimated Non-detect. The analyte was not detected above the method detection limit. However, it is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate or other spike recovery.





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## Data Validation Report

### ALS Report SDG: HS14110471

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#### **Data Qualifier Reason Codes:**

- 1 The laboratory was not NELAC certified for the indicated analyte.
- 2 Analyte detected below quantitation limit.
- 3 Surrogate recoveries could not be determined due to dilution below the calibration range.
- 4 Failed recovery criteria due to matrix interference.
- 5 Analyzed outside of holding time.
- 6 Surrogate recoveries were below reporting limits.



## Data Validation Report ALS Report SDG: HS14120753

**Sample Dates:** February 4, 2015  
**Laboratory:** ALS Environmental  
(Texas NELAP Certification  
T104704231-14-14)  
**SDG:** HS14120753  
**Intended Use** Waste Disposal Characterization  
**Site:** Former U.S. Oil Recovery Site, Pasadena, Texas

**Golder  
Project No.:** 1303116  
**Golder  
Client:** USOR PRP Group

This data validation report has been prepared by Golder Associates, Inc. (Golder) to assess the validity and usability of laboratory analytical data generated from samples collected from liquid storage containers at the Former U.S. Oil Recovery Site located at 400 N. Richey Street in Pasadena, Texas 77506 (the "Site") on December 16, 2014.

One soil sample and one quality control sample (trip blank) are included in this data validation report. This report is completed in reference to the Quality Assurance Project Plan (QAPP), Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 2012). Table 1 below presents a complete cross-referenced listing of samples collected. According to the laboratory, standard operating procedures are compliant with the methods requested.

**TABLE 1: Cross Reference and Analysis Summary**

Field ID	Sample Type	Laboratory ID	Matrix	Organics			Inorganics				
				Semivolatiles	Volatiles	Texas TPH	Moisture	Reactive Cyanide, sulfide	pH	Metals	Burn Rate
USOR-Soil-RO193, 170, 0073	SA	HS1412053-01	Soil	X	X	X	X	X	X	X	X
Trip Blank – 101614-44	TR	Trip Blank – 101614-44	Aq		X						

Notes: SA = Sample TR = Trip Blank

The analytical data were evaluated for quality assurance and quality control (QA/QC) based on general accordance with the following documents: Quality Assurance Project Plan (QAPP) Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 30, 2012), USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010) and Test Methods



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**Data Validation Report**  
**ALS Report SDG: HS14120753**

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for Evaluating Solid Waste, Physical/Chemical Methods: SW-846 On-line updated September 04, 2013. Analytical services for analysis of the samples were provided by ALS Environmental (ALS) in Houston, Texas.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness and comparability relative to the project data quality objectives. This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability of the data.

If an item was found outside of the review criteria, the reviewer applied a data qualifier (DQ) and bias code to the results for the affected samples. A list of all qualified results and definitions of the qualifier and bias codes are given in Table 2.

At the time the laboratory data were generated for this project, ALS Environmental (Houston, TX) was National Environmental Laboratory Accreditation Program (NELAP) accredited under the Texas Laboratory Accreditation Program (TLAP): T104704231-14-14. However, the laboratory does not hold current Texas certification for cyclohexane and benzaldehyde.

Reviewer: Jing Song Xi 02/04/2015



## QUALITY CONTROL PARAMETERS AND OUTCOMES

### Chain-of-Custody

Proper sample custody procedures were used, which confirms that the integrity of the samples was maintained. The trip blank was not listed on the chain of custody; however, the trip blank was analyzed. RCI was noted to be held and analyzed at a later date. Otherwise, information on the custody records is complete and agrees with that in the field notes and laboratory reports.

### Sample Condition

Samples were collected in appropriate containers, properly preserved in the field, and prepared and analyzed within the holding times as required in the analytical methods.

### Field Procedures

Samples were collected with a hand auger or similar and consisted of composite samples acquired in accordance with Addendum 5 to AOC Work Plan - Remaining Roll-off Box Waste Removal and Cleaning Work Plan.

## INORGANICS ANALYSIS

The following data review was performed for 1 solid sample listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were analyzed per EPA SW 846 Method 6010B for Metals, Method 1030 for Burn Rate, Method 3550 for Moisture, Method 7.3.3.2 for Reactive Cyanide and Sulfide, and Method 9045B for pH.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (minor qualifications noted in the sections below).
- ☐ Some or all data are unusable for any purpose (detailed below).

### Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.



## Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

No, problems were not noted.

## Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All samples were analyzed within method specific holding time requirements with the exception of pH. The purpose for analysis of the submitted samples is for use in waste profiling for disposal. The expired holding time for pH does not affect the intended use.

## Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

No analytes were detected in the associated method blanks. Calibration blanks are not applicable to level II data validation. No equipment blanks were collected as part of this SDG.

## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria.

## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on another client's sample. The MS/MSD recovery for Barium was outside QC limits, but the sample amount for Barium was greater than four times the amount spiked and all LCS recoveries were within evaluation criteria; therefore, data quality is not affected. The MS/MSD recovery for Lead and the MSD recovery for Chromium were outside QC limits, but since all LCS recoveries were within evaluation criteria, no qualification was required.

## Serial Dilution Analysis (Metals only)

*Were serial dilution recoveries within evaluation criteria?*



Yes. The post digestion spike performed as part of this SDG was from a non-site specific sample, but the results were included in this SDG. All serial dilution recoveries were within evaluation criteria.

## **Post Digestive Spike (Metals only)**

*Were post digestive spike recoveries within evaluation criteria?*

Yes. The post digestion spike performed as part of this SDG was from a non-site specific sample, but the results were included in this SDG. The sample amount for Barium was greater than four times the amount spiked, but all PDS recoveries were within evaluation criteria.

## **Laboratory Duplicate Results**

*Were laboratory duplicate samples performed as part of this SDG?*

Yes. The duplicate analysis performed as part of this SDG was from a non-site specific sample, but results were included in this SDG. Laboratory duplicate results (%RPD values) from the non-site specific sample were within evaluation criteria.

## **Field Duplicate Results**

*Were field duplicate samples collected as part of this SDG?*

No.

*Were field duplicates within evaluation criteria?*

No field duplicate samples were collected as part of this SDG.

## **Detects and Calibration Range**

*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

## **Additional Qualifications**

*Were additional qualifications applied?*

No.



## ORGANICS ANALYSES

The following data review was performed for 1 solid sample listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were per EPA SW 846 Method 8260C for Volatiles, Method 8270D for Semivolatiles, and Texas Method TX1005 for TPH.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (minor qualifications noted in the sections below).
- ☐ Some or all data are unusable for any purpose (detailed below).

### Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.

### Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

No, no problems were noted.

### Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All samples were analyzed within method specific holding time requirements with the exception of pH. The purpose for analysis of the submitted samples is for use in waste profiling for disposal. The expired holding time for pH does not affect the intended use.

### Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

No analytes were detected in the associated method blanks. Calibration blanks are not applicable to level II data validation. No equipment blanks were collected as part of this SDG.





## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria.

## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on another client's sample. Numerous MS/MSD recoveries for semivolatiles and volatiles were outside QC limits, but as LCS recoveries were within evaluation criteria, data quality is not affected and no data qualification is required.

## Surrogate Spikes

*Were surrogate spike recoveries within evaluation criteria?*

Yes, surrogate spike recoveries were within evaluation criteria.

## Serial Dilution Analysis (Metals only)

*Were serial dilution recoveries within evaluation criteria?*

Serial dilutions are not required for organic analysis methods.

## Post Digestive Spike (Metals only)

*Were post digestive spike recoveries within evaluation criteria?*

PDS are not required for organic analysis methods.

## Laboratory Duplicate Results

*Were laboratory duplicate samples performed as part of this SDG?*

Yes. The duplicate analysis was performed on a non-site specific sample, but results were provided in this SDG. Laboratory duplicate results (%RPD values) from the non-site specific samples were within evaluation criteria.



## Field Duplicate Results

*Were field duplicate samples collected as part of this SDG?*

No.

*Were field duplicates within evaluation criteria?*

No field duplicate samples were collected as part of this SDG.

## Detects and Calibration Range

*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

## Additional Qualifications

*Were additional qualifications applied?*

No.



## Overall Data Assessment

EPA level II validation was performed on all samples. No transcription or calculation errors were found. The data are usable for its intended purpose based on an evaluation of the QC parameters discussed in this report. Some data were qualified as estimated due to the inability to meet all QC criteria. Some volatiles, semivolatiles, and TPH results were qualified based on their surrogates. The table below summarizes the final qualifications for the analytical data.

**TABLE 2: Data Qualifier Summary**

Field ID	Analysis	Analyte	Qualifier	Reason Code
USOR-Soil-RO193, 170, 0073	8260	Cyclohexane	n	1
USOR-Soil-RO193, 170, 0073	8260	benzaldehyde	n	1
Trip Blank – 101614-44	8260	Cyclohexane	n	1

### Data Validation Qualifier Codes:

**n** = not offered for accreditation

**U** = Non-detect. The compound was analyzed for, but not detected.

**J** = Estimated. The associated numerical value is an estimated quantity. The analyte was detected but the reported value may not be accurate or precise.

**S** = Spike recovery outside laboratory control limits

**JL** = estimated with a low bias, **JH** = Estimated with high bias.

**UJ** = Estimated Non-detect. The analyte was not detected above the method detection limit. However, it is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate or other spike recovery.

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### Data Qualifier Reason Codes:

- 1 The laboratory was not NELAC certified for the indicated analyte.
- 2 Analyte detected below quantitation limit.
- 3 Surrogate recoveries could not be determined due to dilution below the calibration range.
- 4 Failed recovery criteria due to matrix interference.
- 5 Could not be evaluated due to 50x dilution.
- 6 pH is an immediate test.
- 7 %RPD for serial dilution analysis exceeded QC limits.
- 8 Surrogate recoveries were below reporting limits.



## Data Validation Report

### ALS Report SDG: HS15010893, HS15020184

**Sample Dates:** January 28, 2015 and February 20, 2015  
**Laboratory:** ALS Environmental  
(Texas NELAP Certification T104704231-14-14)  
**SDG:** HS15010893, HS15020184  
**Intended Use:** Waste Disposal Characterization  
**Site:** Former U.S. Oil Recovery Site, Pasadena, Texas

**Golder Project No.:** 1303116  
**Golder Client:** USOR PRP Group

This data validation report has been prepared by Golder Associates, Inc. (Golder) to assess the validity and usability of laboratory analytical data generated from samples collected from roll-off boxes containing solidified sludge waste at the Former U.S. Oil Recovery Site located at 400 N. Richey Street in Pasadena, Texas 77506 (the "Site") on November 12, 2014.

Three solid samples, one field quality control sample (duplicate), and one laboratory quality control sample (trip blank) are included in this data validation report. One Volatile Organic Compound (VOC) analyte (Benzene) within sample USOR-SS-R0130,160,161,162,163 was subject to further analysis utilizing the Toxicity Characterization Leaching Procedure (TCLP). This report is completed in reference to the Quality Assurance Project Plan (QAPP), Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 2012). Table 1 below presents a complete cross-referenced listing of samples collected. According to the laboratory, standard operating procedures are compliant with the methods requested.

**TABLE 1: Cross Reference and Analysis Summary**

Field ID	Sample Type	Laboratory ID	Matrix	Organics			Inorganics				
				Semivolatiles	Volatiles	Texas TPH	Moisture	Reactive Cyanide, sulfide	pH	Metals	Burn Rate
USOR-SS-R0158,183,184,188,192	SA	HS15010893-01	Solid	X	X	X	X	X	X	X	X
USOR-SS-R0130,160,161,162,163	SA	HS15010893-02	Solid	X	X	X	X	X	X	X	X
USOR-SS-R0058,078,162,173,178	SA	HS15010893-03	Solid	X	X	X	X	X	X	X	X
USOR-SS-Dup1	DUP	HS15010893-04	Solid	X	X	X	X	X	X	X	X



## Data Validation Report

### ALS Report SDG: HS15010893, HS15020184

TCLP USOR-SW-RO130, 160, 161, 162, 163	SA	HS15020184-02	NAPL		X						
Trip Blank	TR	HS15010893-05	Water		X						

Notes: SA = Sample DUP = Duplicate TR = Trip Blank

The analytical data were evaluated for quality assurance and quality control (QA/QC) in general accordance with the following documents: Quality Assurance Project Plan (QAPP) Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 30, 2012), USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010, revised August 2014), USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Data Review (January 2010, revised August 2014) and Test Methods for Evaluating Solid Waste, Physical/Chemical Methods: SW-846 On-line updated September 04, 2013. Analytical services for analysis of the samples were provided by ALS Environmental (ALS) in Houston, TX.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness and comparability relative to the project data quality objectives. This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability of the data.

If an item was found outside of the review criteria, the reviewer applied a data qualifier (DQ) and bias code to the results for the affected samples. A list of all qualified results and definitions of the qualifier and bias codes are given in Table 2.

At the time the laboratory data were generated for this project, ALS Environmental (Houston, TX) was National Environmental Laboratory Accreditation Program (NELAP) accredited under the Texas Laboratory Accreditation Program (TLAP): T104704231-14-14. However, the laboratory does not hold current Texas certification for cyclohexane and benzaldehyde.

Reviewer: Jing Song Xi 02/27/2015



## QUALITY CONTROL PARAMETERS AND OUTCOMES

### Chain-of-Custody

Proper sample custody procedures were used, which confirms that the integrity of the samples was maintained.

### Sample Condition

Samples were collected in appropriate containers, properly preserved in the field, and prepared and analyzed within the holding times as required in the analytical methods.

### Field Procedures

Samples were collected with a hand auger or similar and consisted of composite samples acquired in accordance with Addendum 5 to AOC Work Plan - Remaining Roll-off Box Waste Removal and Cleaning Work Plan.

## INORGANICS ANALYSIS

The following data review was performed for 1 solid (sludge) samples listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were analyzed per EPA SW 846 Method 6010B for Metals, Method 3550 for Moisture, Method 7.3.3.2 for Reactive Cyanide and Sulfide, and Method 9045B for pH.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

\_\_\_\_\_ Data are usable without qualification.

  X   Data are usable with qualification (minor qualifications noted in the sections below).

\_\_\_\_\_ Some or all data are unusable for any purpose (detailed below).

### Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.

### Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

No, no problems were noted.



## Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All inorganics samples were analyzed within method specific holding time requirements with the exception of pH. The purpose for analysis of the submitted samples is for use in waste profiling for disposal. The expired holding time for pH does not affect the intended use.

## Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

No analytes were detected in any applicable blanks. There was no equipment blank associated with this SDG. Calibration blanks are not applicable to level II data validation.

## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria.

## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on field samples. The MS/MSD recovery for Barium was outside control limits, but the result in the parent sample was greater than four times the amount spiked, thus no qualification is required. MS recovery in Chromium failed recovery limits for Batch 90057. All detections of Chromium for the batch are qualified as "J" in Table 2.

## Serial Dilution Analysis (Metals only)

*Were serial dilution recoveries within evaluation criteria?*

Yes. Serial dilutions performed as part of this SDG was on another client's sample, but the results were included in this SDG. No issues were reported.

## Post Digestive Spike (Metals only)

*Were post digestive spike recoveries within evaluation criteria?*

Yes. The PDS recovery for Lead was outside control limits, but the result in the parent sample was greater than four times the amount spiked, thus no qualification is required.





## Laboratory Duplicate Results

*Were laboratory duplicate samples performed as part of this SDG?*

Yes. The duplicate analysis performed as part of this SDG. Laboratory duplicate results (%RPD values) from the non-site specific sample were within evaluation criteria.

## Field Duplicate Results

*Were field duplicate samples collected as part of this SDG?*

Yes, a duplicate of USOR-SS-RO130,160,161,162,163 was collected as part of this SDG.

*Were field duplicates within evaluation criteria?*

Field duplicate results were within evaluation criteria.

## Detects and Calibration Range

*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

## Additional Qualifications

*Were additional qualifications applied?*

No.



## ORGANICS ANALYSES

The following data review was performed for 1 solid (sludge) sample and 1 non-aqueous phase liquid sample listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were per EPA SW 846 Method 8260C for Volatiles, Method 8270D for Semivolatiles, Texas Method TX1005 for TPH, and reanalysis of benzene using TCLP method.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (minor qualifications noted in the sections below).
- ☐ Some or all data are unusable for any purpose (detailed below).

### Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.

### Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

Yes, no problems were noted.

### Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All organics samples were analyzed within method specific holding time requirements.

### Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

No. Analytes were not detected in associated method blanks. There was no equipment blank associated with this SDG. Acetone was marginally detected in the Trip Blank, but since Acetone is a common lab contaminant, the marginal detection is attributed to lab contamination and does not have any effect on data quality. Acetone was detected in each sample in HS15010893, but not in the associated method blank for the work order.



## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria.

## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on field samples.

The MS/MSD recoveries for numerous analytes were outside QC limits, but all LCS recoveries were within evaluation criteria; therefore, data quality is not affected and no data qualification is required.

## Surrogate Spikes

*Were surrogate spike recoveries within evaluation criteria?*

No, surrogate spike recoveries for volatiles, semivolatiles, and TPH did not meet evaluation criteria for certain compounds.

For volatiles analysis, the percent recovery for:

- 1) Dibromofluoromethane for USOR-SS-RO158,183,184,188,192 was outside control limits at the 10x dilution, but was within control limits for the 100x, 1000x and 10000x dilutions. Since Dibromofluoromethane is the only compound where recovery is outside control limits, no qualification is necessary.
- 2) Dibromofluoromethane for USOR-SS-RO130,160,161,162,163 was outside control limits at the 10x dilution, but was within control limits for the 100x, 1000x and 2000x dilutions. Since Dibromofluoromethane is the only compound where recovery is outside control limits, no qualification is necessary.
- 3) Dibromofluoromethane for USOR-SS-RO058,078,165,173,178 was outside control limits at the 10x dilution, but was within control limits for the 1000x and 2000x dilutions. Since Dibromofluoromethane is the only compound where recovery is outside control limits, no qualification is necessary.

For semivolatiles analysis, the percent recovery for:

- 1) All six surrogates for USOR-SS-RO158,183,184,188,192 were outside control limits. This was caused because the sample was run at a 20x dilution, and does not affect data quality. LCS recoveries were within evaluation criteria. No qualification is necessary.
- 2) All six surrogates for USOR-SS-RO130,160,161,162,163 were outside control limits. This was caused because the sample was run at a 20x dilution, and does not affect data quality. LCS recoveries were within evaluation criteria. No qualification is necessary.
- 3) All six surrogates for USOR-SS-RO058,078,165,173,178 were outside control limits. This was caused because the sample was run at a 20x dilution, and does not affect data quality. LCS recoveries were within evaluation criteria. No qualification is necessary.



For TPH analysis, the percent recovery for:

- 1) Both surrogates for USOR-SS-RO158,183,184,188,192 were outside control limits. This was caused because the sample was run at a 100x dilution, and does not affect data quality. LCS recoveries were within evaluation criteria. No qualification is necessary.
- 2) Both surrogates for USOR-SS-RO130,160,161,162,163 were outside control limits. This was caused because the sample was run at a 100x dilution, and does not affect data quality. LCS recoveries were within evaluation criteria. No qualification is necessary.
- 3) Both surrogates for USOR-SS-RO058,078,165,173,178 were outside control limits. This was caused because the sample was run at a 100x dilution, and does not affect data quality. LCS recoveries were within evaluation criteria. No qualification is necessary.

No qualifications were required for volatiles, semivolatiles, or TPH.

### **Serial Dilution Analysis (Metals only)**

*Were serial dilution recoveries within evaluation criteria?*

Serial dilutions are not required for organic analysis methods.

### **Post Digestive Spike (Metals only)**

*Were post digestive spike recoveries within evaluation criteria?*

PDS are not required for organic analysis methods.

### **Laboratory Duplicate Results**

*Were laboratory duplicate samples performed as part of this SDG?*

No, a duplicate analysis was not performed for this SDG.

### **Field Duplicate Results**

*Were field duplicate samples collected as part of this SDG?*

Yes, a duplicate of USOR-SS-RO130,160,161,162,163 was collected as part of this SDG.

*Were field duplicates within evaluation criteria?*

Field duplicates were within evaluation criteria, except for Naphthalene, 2-Butanone, Cyclohexane, Methyl tert-butyl ether, and Tetrachloroethene. These compounds are flagged "J" in Table 2, for the parent sample.

### **Detects and Calibration Range**



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**Data Validation Report**  
**ALS Report SDG: HS15010893, HS15020184**

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*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

## **Additional Qualifications**

*Were additional qualifications applied?*

No.



## Overall Data Assessment

EPA level II validation was performed on all samples. No transcription or calculation errors were found. The data are usable for its intended purpose based on an evaluation of the QC parameters discussed in this report. Some data were qualified as estimated due to the inability to meet all QC criteria. Some volatiles, semivolatiles, and TPH results were qualified based on their surrogates. The table below summarizes the final qualifications for the analytical data.

**TABLE 2: Data Qualifier Summary**

Field ID	Analysis	Analyte	Qualifier	Reason Code
USOR-SW-RO158,183,184,188,192	8260	Chlorobenzene	J	2
USOR-SW-RO158,183,184,188,192	8260	Cyclohexane	n	1
USOR-SW-RO158,183,184,188,192	8270	1,1'-Biphenyl	J	2
USOR-SW-RO158,183,184,188,192	8270	2-Methylphenol	J	2
USOR-SW-RO158,183,184,188,192	8270	3&4-Methylphenol	J	2
USOR-SW-RO158,183,184,188,192	8270	Anthracene	J	2
USOR-SW-RO158,183,184,188,192	8270	Benz(a)anthracene	J	2
USOR-SW-RO158,183,184,188,192	8270	Benzaldehyde	n	1
USOR-SW-RO158,183,184,188,192	8270	Chrysene	J	2
USOR-SW-RO158,183,184,188,192	8270	Di-n-butyl phthalate	J	2
USOR-SW-RO158,183,184,188,192	8270	Fluoranthene	J	2
USOR-SW-RO158,183,184,188,192	8270	Fluorene	J	2
USOR-SW-RO158,183,184,188,192	8270	Phenol	J	2
USOR-SW-RO158,183,184,188,192	8270	Pyrene	J	2
USOR-SW-RO158,183,184,188,192	6020	Cadmium	J	2
USOR-SW-RO158,183,184,188,192	6020	Chromium	J	4
USOR-SW-RO158,183,184,188,192	TX1005	>nC28 to nC35	J	2
USOR-SW-RO158,183,184,188,192	9045	pH	H	3
USOR-SW-RO130,160,161,162,163	8260	2-Butanone	J	5
USOR-SW-RO130,160,161,162,163	8260	Cyclohexane	n, J	1, 5



## Data Validation Report

### ALS Report SDG: HS15010893, HS15020184

USOR-SW-RO130,160,161,162,163	8260	Methyl tert-butyl ether	J	5
USOR-SW-RO130,160,161,162,163	8260	Tetrachloroethene	J	5
USOR-SW-RO130,160,161,162,163	8270	1,1'-Biphenyl	J	2
USOR-SW-RO130,160,161,162,163	8270	2-Methylphenol	J	2
USOR-SW-RO130,160,161,162,163	8270	Acenaphthene	J	2
USOR-SW-RO130,160,161,162,163	8270	Benzaldehyde	n	1
USOR-SW-RO130,160,161,162,163	8270	Bis(2-ethylhexyl)phthalate	J	2
USOR-SW-RO130,160,161,162,163	8270	Chrysene	J	2
USOR-SW-RO130,160,161,162,163	8270	Di-n-butyl phthalate	J	2
USOR-SW-RO130,160,161,162,163	8270	Fluorene	J	2
USOR-SW-RO130,160,161,162,163	8270	Naphthalene	J	5
USOR-SW-RO130,160,161,162,163	8270	Phenanthrene	J	2
USOR-SW-RO130,160,161,162,163	8270	Pyrene	J	2
USOR-SW-RO130,160,161,162,163	6020	Cadmium	J	2
USOR-SW-RO130,160,161,162,163	6020	Chromium	J	4
USOR-SW-RO130,160,161,162,163	6020	Silver	J	2
USOR-SW-RO130,160,161,162,163	TX1005	>nC28 to nC35	J	2
USOR-SW-RO130,160,161,162,163	9045	pH	H	3
USOR-SS-RO058,078,165,173,178	8260	Cyclohexane	n	1
USOR-SS-RO058,078,165,173,178	8270	1,1'-Biphenyl	J	2
USOR-SS-RO058,078,165,173,178	8270	2-Methylphenol	J	2
USOR-SS-RO058,078,165,173,178	8270	Acenaphthene	J	2
USOR-SS-RO058,078,165,173,178	8270	Anthracene	J	2
USOR-SS-RO058,078,165,173,178	8270	Benz(a)anthracene	J	2
USOR-SS-RO058,078,165,173,178	8270	Benzaldehyde	n	1
USOR-SS-RO058,078,165,173,178	8270	Bis(2-ethylhexyl)phthalate	J	2





**Data Validation Report**  
**ALS Report SDG: HS15010893, HS15020184**

USOR-SS-RO058,078,165,173,178	8270	Chrysene	J	2
USOR-SS-RO058,078,165,173,178	8270	Fluoranthene	J	2
USOR-SS-RO058,078,165,173,178	8270	Fluorene	J	2
USOR-SS-RO058,078,165,173,178	8270	Pyrene	J	2
USOR-SS-RO058,078,165,173,178	6020	Chromium	J	4
USOR-SS-RO058,078,165,173,178	6020	Silver	J	2
USOR-SS-RO058,078,165,173,178	9045	pH	H	3
USOR-SS-Dup1	8260	Chlorobenzene	J	2
USOR-SS-Dup1	8260	Cyclohexane	n	1
USOR-SS-Dup1	8270	Acenaphthene	J	2
USOR-SS-Dup1	8270	Benzaldehyde	n	1
USOR-SS-Dup1	8270	Bis(2-ethylhexyl)phthalate	J	2
USOR-SS-Dup1	8270	Chrysene	J	2
USOR-SS-Dup1	8270	Di-n-butyl phthalate	J	2
USOR-SS-Dup1	8270	Fluorene	J	2
USOR-SS-Dup1	8270	Phenanthrene	J	2
USOR-SS-Dup1	8270	Pyrene	J	2
USOR-SS-Dup1	6020	Cadmium	J	2
USOR-SS-Dup1	6020	Chromium	J	4
USOR-SS-Dup1	6020	Silver	J	2
USOR-SS-Dup1	9045	pH	H	3
Trip Blank	8260	Acetone	J	2
Trip Blank	8260	Cyclohexane	n	1



**Data Validation Qualifier Codes:**

**n** = not offered for accreditation

**U** = Non-detect. The compound was analyzed for, but not detected.

**J** = Estimated. The associated numerical value is an estimated quantity. The analyte was detected but the reported value may not be accurate or precise.

**S** = Spike recovery outside laboratory control limits

**JL** = estimated with a low bias, **JH** = Estimated with high bias.

**UJ** = Estimated Non-detect. The analyte was not detected above the method detection limit. However, it is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate or other spike recovery.

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**Data Qualifier Reason Codes:**

- 1 The laboratory was not NELAC certified for the indicated analyte.
- 2 Analyte detected below quantitation limit.
- 3 Analyzed outside of holding time.
- 4 Surrogate recoveries were below reporting limits.
- 5 Field duplicate outside of specifications.



## Data Validation Report ALS Report SDG: HS15030127

**Sample Dates:** March 4, 2015

**Golder  
Project No.:** 1303116

**Laboratory:** ALS Environmental

**Golder  
Client:** USOR PRP Group

(Texas NELAP Certification  
T104704231-14-14)

**SDG:** HS15030127

**Intended Use** Waste Disposal Characterization

**Site:** Former U.S. Oil Recovery Site, Pasadena, Texas

This data validation report has been prepared by Golder Associates, Inc. (Golder) to assess the validity and usability of laboratory analytical data generated from samples collected from roll-off boxes containing solidified sludge waste at the Former U.S. Oil Recovery Site located at 400 N. Richey Street in Pasadena, Texas 77506 (the "Site") on November 12, 2014.

One aqueous sample is included in this data validation report. This report is completed in reference to the Quality Assurance Project Plan (QAPP), Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 2012). Table 1 below presents a complete cross-referenced listing of samples collected. According to the laboratory, standard operating procedures are compliant with the methods requested.

**TABLE 1: Cross Reference and Analysis Summary**

Field ID	Sample Type	Laboratory ID	Matrix	Organics			Inorganics				
				Semivolatiles	Volatiles	Texas TPH	Moisture	Reactive Cyanide, sulfide	pH	Metals	Burn Rate
Roll-off box washout water	SA	HS15030127-01	NAPL	X	X		X	X	X	X	X

Notes: SA = Sample

The analytical data were evaluated for quality assurance and quality control (QA/QC) in general accordance with the following documents: Quality Assurance Project Plan (QAPP) Site Monitoring and Stabilization, Former U.S. Oil Recovery Site (May 30, 2012), USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010, revised August 2014), USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Data Review (January 2010, revised August 2014) and Test Methods for Evaluating Solid Waste,



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**Data Validation Report**  
**ALS Report SDG: HS15030127**

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Physical/Chemical Methods: SW-846 On-line updated September 04, 2013. Analytical services for analysis of the samples were provided by ALS Environmental (ALS) in Houston, TX.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness and comparability relative to the project data quality objectives. This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability of the data.

If an item was found outside of the review criteria, the reviewer applied a data qualifier (DQ) and bias code to the results for the affected samples. A list of all qualified results and definitions of the qualifier and bias codes are given in Table 2.

At the time the laboratory data were generated for this project, ALS Environmental (Houston, TX) was National Environmental Laboratory Accreditation Program (NELAP) accredited under the Texas Laboratory Accreditation Program (TLAP): T104704231-14-14. However, the laboratory does not hold current Texas certification for cyclohexane and benzaldehyde.

Reviewer: Jing Song Xi 03/20/2015



## QUALITY CONTROL PARAMETERS AND OUTCOMES

### Chain-of-Custody

Proper sample custody procedures were used, which confirms that the integrity of the sample was maintained.

### Sample Condition

The sample was collected in appropriate containers, properly preserved in the field, and prepared and analyzed within the holding times as required in the analytical methods.

### Field Procedures

The sample was acquired using a Sludge Judge liquid sampler by extending the sampler through the entire water column to retrieve the sample.

## INORGANICS ANALYSIS

The following data review was performed for 1 solid (sludge) samples listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were analyzed per EPA SW 846 Method 6010B for Metals, Method 3550 for Moisture, Method 7.3.3.2 for Reactive Cyanide and Sulfide, and Method 9045B for pH.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (minor qualifications noted in the sections below).
- ☐ Some or all data are unusable for any purpose (detailed below).

### Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.

### Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

No, no problems were noted.



## Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All inorganics samples were analyzed within method specific holding time requirements with the exception of pH. The purpose for analysis of the submitted samples is for use in waste profiling for disposal. The expired holding time for pH does not affect the intended use.

## Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

No analytes were detected in any applicable blanks. There was no equipment blank associated with this SDG. Calibration blanks are not applicable to level II data validation.

## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria.

## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on another client's sample, and the results were included in this SDG. No issues were reported.

## Serial Dilution Analysis (Metals only)

*Were serial dilution recoveries within evaluation criteria?*

Yes. Serial dilutions performed as part of this SDG was on another client's sample, but the results were included in this SDG. No issues were reported.

## Post Digestive Spike (Metals only)

*Were post digestive spike recoveries within evaluation criteria?*

Yes. No issues were reported.



## Laboratory Duplicate Results

*Were laboratory duplicate samples performed as part of this SDG?*

Yes. The duplicate analysis performed as part of this SDG. Laboratory duplicate results (%RPD values) from the non-site specific sample were within evaluation criteria.

## Field Duplicate Results

*Were field duplicate samples collected as part of this SDG?*

No field duplicate samples were collected.

*Were field duplicates within evaluation criteria?*

No field duplicate samples were collected.

## Detects and Calibration Range

*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

## Additional Qualifications

*Were additional qualifications applied?*

No.





## ORGANICS ANALYSES

The following data review was performed for 1 non-aqueous phase liquid sample listed in Table 1, including dilutions and reanalysis, as applicable. The analyses were per EPA SW 846 Method 8260C for Volatiles and Method 8270D for Semivolatiles.

Qualifications are compiled in Table 2 provided at the end of this report.

### General Overall Assessment:

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (minor qualifications noted in the sections below).
- ☐ Some or all data are unusable for any purpose (detailed below).

### Data Package Completeness

*Were all items delivered as specified on the COC?*

Yes. The laboratory submitted all required deliverables.

### Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form

*Were problems noted in the laboratory case narrative or cooler receipt form?*

Yes, no problems were noted.

### Technical Holding Times

*Were samples analyzed within method specific holding time requirements?*

Yes. All organics samples were analyzed within method specific holding time requirements.

### Blank Contamination

*Were analytes detected in the Initial Calibration Blank, Continuing Calibration Blank, Equipment Blank and Method Blanks?*

No. Analytes were not detected in associated method blanks. There was no equipment blank associated with this SDG.



## Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. LCS analysis met the criteria for frequency of analysis and all LCS recoveries were within evaluation criteria.

## Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. Site-specific MS/MSDs were not collected, but the laboratory performed matrix QC per method requirements on another client's samples.

The MS recovery for o-Xylene and the MSD recovery for Styrene were outside QC limits, but all LCS recoveries were within evaluation criteria; therefore, data quality is not affected and no data qualification is required.

## Surrogate Spikes

*Were surrogate spike recoveries within evaluation criteria?*

Surrogate spike recoveries for 2-Fluorophenol, 4-Terphenyl-d14 and Nitrobenzene-d5 were qualified with a "J" to indicate they were estimated. Since the sample was analyzed at a 10x dilution this does not affect data quality and no qualification is necessary.

## Serial Dilution Analysis (Metals only)

*Were serial dilution recoveries within evaluation criteria?*

Serial dilutions are not required for organic analysis methods.

## Post Digestive Spike (Metals only)

*Were post digestive spike recoveries within evaluation criteria?*

PDS are not required for organic analysis methods.

## Laboratory Duplicate Results

*Were laboratory duplicate samples performed as part of this SDG?*

No, a duplicate analysis was not performed for this SDG.



## Field Duplicate Results

*Were field duplicate samples collected as part of this SDG?*

No field duplicates were collected.

*Were field duplicates within evaluation criteria?*

No field duplicates were collected.

## Detects and Calibration Range

*For samples that were diluted and non-detect, were undiluted results also reported?*

No, but the results shown for diluted and non-detect samples were from the batch with the lowest dilution factor and therefore, no further data qualification is required.

*For samples that were not diluted and detected, were the results within calibration range?*

Not applicable for level II data validation.

## Additional Qualifications

*Were additional qualifications applied?*

No.



## Overall Data Assessment

EPA level II validation was performed on all samples. No transcription or calculation errors were found. The data are usable for its intended purpose based on an evaluation of the QC parameters discussed in this report. Some data were qualified as estimated due to the inability to meet all QC criteria. Some volatiles, semivolatiles, and TPH results were qualified based on their surrogates. The table below summarizes the final qualifications for the analytical data.

**TABLE 2: Data Qualifier Summary**

Field ID	Analysis	Analyte	Qualifier	Reason Code
Roll-off box washout water	8260	Cyclohexane	n	1
Roll-off box washout water	8260	Benzaldehyde	n	1

### Data Validation Qualifier Codes:

**n** = not offered for accreditation

**U** = Non-detect. The compound was analyzed for, but not detected.

**J** = Estimated. The associated numerical value is an estimated quantity. The analyte was detected but the reported value may not be accurate or precise.

**S** = Spike recovery outside laboratory control limits

**JL** = estimated with a low bias, **JH** = Estimated with high bias.

**UJ** = Estimated Non-detect. The analyte was not detected above the method detection limit. However, it is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate or other spike recovery.

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### Data Qualifier Reason Codes:

1 The laboratory was not NELAC certified for the indicated analyte.

## **APPENDIX I**

### **ROLL-OFF BOX SOLIDSMANIFESTS – NON-HAZARDOUS WASTE LOADS**

Projects #: 0-0

Please print or type. (Form designed for use on sites (12-pitch) typewriter)

EFFECTIVE ENVIRONMENTAL

Order #: 120224

Form Approved. OMB No. 2050-0089

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002720067 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> ATTN: <b>Scott Outwater</b>			Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77506</b>			
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>			Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Angleton, TX 77515</b> Facility's Phone: <b>979-864-4442</b>			U.S. EPA ID Number <b>State ID#: H1539</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
<input type="checkbox"/>	1. <b>Non-regulated material (solidified sludge)</b>		DT	<b>EST 18</b>	T	<b>CESQ4091</b> <b>Non-RCRA</b>
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SRI-15-143)</b> <b>EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>ON CALL SUPERVISOR</b> I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>X Scott Outwater</b>		Signature <b>X Scott Outwater</b>		Date <b>06 U.S. Oil Recovery Site 12/18/15</b> <b>PRP Group</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Carlos Ramos</b> Signature <b>[Signature]</b> Month Day Year <b>12/18/15</b> Transporter 2 Printed/Typed Name Signature Month Day Year						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>01: H132</b> 2. 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Veronica Saenz</b> Signature <b>[Signature]</b> Month Day Year <b>12/18/15</b>						



SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345628	C1-INDUST		Veronica S	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/18/15	02/18/15	15:04	15:38	VELEZ-09	15-143
REFERENCE			ORIGIN		
15-143					

Scale 1 Gross Wt. 70760 LB  
Scale 3 Tare Wt. 36260 LB  
Net Weight 34500 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.25	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: ORDER 120224  
Manifest: 002720067 GBF

SIGNATURE



NET AMOUNT
TENDERED
CHANGE
CHECK NO.



Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Order #: 120224

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720068 GBF</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>					Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>						
Generator's Phone: <b>512-871-3434</b> <b>ALLIN Scott Outwater</b>											
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>					Ph#: <b>281-704-8814</b>		U.S. EPA ID Number <b>TXR000077981</b>				
7. Transporter 2 Company Name <b>RQ 668</b>					State ID#: <b>88174</b>		U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Pasadena, TX 77515</b>					U.S. EPA ID Number <b>State ID#: H1539</b>						
9a. HM					9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
<input type="checkbox"/>		1. <b>Non-regulated material (solidified sludge)</b>					<b>DT</b>		<b>15 EST</b>	<b>T</b>	<b>CESQ4091 Non-RCRA</b>
<input type="checkbox"/>		2.									
<input type="checkbox"/>		3.									
<input type="checkbox"/>		4.									
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SBL-15-143)</b>											
<b>EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>ON CALL SUPERVISOR</b> <small>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations.</small>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <b>X Scott Outwater</b>					Signature <b>X Scott Outwater</b>		U.S. Oil Recovery Site PRP Group		Month Day Year <b>12 18 15</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.					Port of entry/exit:		Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name <b>Refugio Esquivel</b>					Signature <b>Refugio Esquivel</b>		Month Day Year <b>12 18 15</b>				
Transporter 2 Printed/Typed Name					Signature		Month Day Year				
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number:											
18b. Alternate Facility (or Generator) U.S. EPA ID Number											
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator) Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>01: H132</b>		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a											
Printed/Typed Name <b>Scott Outwater</b>					Signature <b>Scott Outwater</b>		Month Day Year <b>12 18 15</b>				

SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345558	C1-INDUST		Kimberly P	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/18/15	02/18/15	12:28	12:50	VELEZ-668	15-143
REFERENCE			ORIGIN		
15-143					

Scale 1 Gross Wt. 65320 LB  
Scale 3 Tare Wt. 35000 LB  
Net Weight 30320 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.16	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120224  
Manifest: 002720068 GBF

SIGNATURE \_\_\_\_\_

NET AMOUNT
TENDERED
CHANGE
CHECK NO



Projects # 0-0

Please print or type. (Form designed for use on 12-pitch typewriter.)

Order #: 120224

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720069 GBF</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> ATTN: <b>Scott Outwater</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77506</b>				
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>						Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>		
7. Transporter 2 Company Name								U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Angeles, TX 77515</b> Facility's Phone: <b>979-864-4442</b>						U.S. EPA ID Number <b>State ID#: H1539</b>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes				
			No.	Type						
		1. <b>Non-regulated material (solidified sludge)</b>		DT	<b>EST 143</b>	T	<b>CESQ4091</b> <b>Non-RCRA</b>			
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SBL-15-143)</b> <div style="text-align: right;">* EMERGENCY RESPONSE PHONE: 214-635-1500 * * ON CALL SUPERVISOR *</div> <p style="font-size: small;">I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</p>										
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name <b>X Scott Outwater</b> Signature <b>X Scott Outwater</b> Date <b>06/05/15</b> Month Day Year <b>Recovery Site</b> <b>PRP Group</b>										
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Carlos Ramos</b> Signature <b>[Signature]</b> Month Day Year <b>12/18/15</b> Transporter 2 Printed/Typed Name Signature Month Day Year									
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____									
	18b. Alternate Facility (or Generator) U.S. EPA ID Number									
	Facility's Phone: _____									
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>01: H132</b> 2. 3. 4.										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>[Signature]</b> Signature <b>[Signature]</b> Month Day Year										

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345548	C1-INDUST		Kimberly P	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/18/15	02/18/15	11:54	12:26	VELEZ-09	15-143
REFERENCE		ORIGIN			
15-143					

Scale 2 Gross Wt.	67840	LB	Inbound - Charge ticket
Scale 3 Tare Wt.	36860	LB	
Net Weight	30980	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.49		TONS C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120224  
Manifest: 002720069 GBF

SIGNATURE



NET AMOUNT  
TENDERED  
CHANGE  
CHECK NO



Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Arizona-8

E<sup>2</sup>  
EFFECTIVE  
ENVIRONMENTAL66320  
4:19

Order #: 120271

Form Approved. OMB No. 2050-0039

B-Dry

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002720096 GBF</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> ATTN: <b>Scott Outwater</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77506</b>				
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>				Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>		
7. Transporter 2 Company Name						U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Angleton, TX 77515</b> Facility's Phone: <b>979-864-4442</b>				U.S. EPA ID Number <b>State ID#: H1539</b>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <input type="checkbox"/> <b>Non-regulated material (solidified sludge)</b>			No. Type			<b>CESQ4091</b> <b>Non-RCRA</b>
		2.						
		3.						
		4.						
14. Special Handling Instructions and Additional Information <b>01 Solidified sludge (PF:SRI-15-143)</b>								
<p align="center"><b>EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>* ON CALL SUPERVISOR *</b></p> <p align="center">I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</p>								
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name: <b>Scott Outwater</b> Signature: <i>[Signature]</i> U.S. Oil Recovery Site PRP Group Month: <b>2</b> Day: <b>19</b> Year: <b>15</b>								
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name: <b>Kevin Jackson</b>			Signature: <i>[Signature]</i>		Month: <b>2</b> Day: <b>19</b> Year: <b>15</b>		
	Transporter 2 Printed/Typed Name:			Signature:		Month: Day: Year:		
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	Manifest Reference Number:							
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
	Facility's Phone:							
	18c. Signature of Alternate Facility (or Generator)						Month: Day: Year:	
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
	1. <b>U1: H132</b>	2.	3.	4.				
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
	Printed/Typed Name: <b>Veronica Saenz</b>			Signature: <i>[Signature]</i>		Month: <b>2</b> Day: <b>19</b> Year: <b>15</b>		

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345911	C1-INDUST		Veronica S	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/19/15	02/19/15	16:20	17:02	ARJONA-8	15-143
REFERENCE		ORIGIN			
15-143					

Scale 2 Gross Wt.		66320	LB	Inbound - Charge ticket		
Scale 3 Tare Wt.		36900	LB			
Net Weight		29420	LB			
QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
14.71	TONS	C1 SOLIDS-TON				

**NET AMOUNT**

TENDERED

CHANGE

CHECK NO.

SIGNATURE \_\_\_\_\_



Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Arizona-417

E<sup>2</sup> ENVIRONMENTAL

66 960

(35)

Order #: 120271

Form Approved. OMB No. 2050-0059

B-Dry

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720099 GBF</b>	
5. Generator Name and Address <b>Goldier Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>					
Generator's Phone: <b>512-671-3434 ATTN: Scott Outwater</b>				6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>		Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designator Environmental Label <b>10310 FM 523 P.O. Box 567 Ardleton TX 77515</b>				State ID#: <b>H1539</b>		U.S. EPA ID Number			
Facility's Phone: <b>979-864-4442</b>									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
			No.	Type					
	<input type="checkbox"/>	1. Non-regulated material (solidified sludge)		DT	Est K	T	<b>DESQ4091 Non-RCRA</b>		
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>01. Solidified Sludge (PT SBI-15-143)</b>									
* EMERGENCY RESPONSE PHONE: 214-635-1500 * * ON CALL SUPERVISOR * I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Scott Outwater</b>									
Signature <b>Scott Outwater</b>									
Date <b>2/19/15</b>									
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: <b>U.S. Oil Recovery site</b>								
	Transporter signature (for exports only): <b>PRP Group</b>								
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>VELEZ (ARIZONA #417)</b>					Signature <b>[Signature]</b>		Month Day Year <b>2/15/15</b>		
Transporter 2 Printed/Typed Name <b>Manuel Martinez</b>					Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number:								
	18b. Alternate Facility (or Generator)					U.S. EPA ID Number			
	Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)							Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>01: H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name <b>Veronica Soenz</b>					Signature <b>[Signature]</b>		Month Day Year <b>2/19/15</b>		

R0160

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345901	C1-INDUST		Veronica S	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/19/15	02/19/15	15:58	16:21	ARJONA-417	15-143
REFERENCE		ORIGIN			
15-143					

Scale 2 Gross Wt.	66960	LB
Scale 3 Tare Wt.	35840	LB
Net Weight	31120	LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.56	TONS	C1 SOLIDS-TON				

**NET AMOUNT**

TENDERED

CHANGE

CHECK NO. \_\_\_\_\_

SIGNATURE



Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

FFRATIVE ENVIRONMENTAL

Order #: 120271

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720097 GBF</b>			
5. Generator's Name and Mailing Address <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>							
Generator's Phone: <b>512-671-3434</b> AITN: <b>Scott Outwater</b>				6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>		Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>			
7. Transporter 2 Company Name						U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Anarleton, TX 77515</b>				State ID#: <b>H1539</b>		U.S. EPA ID Number					
Facility's Phone: <b>979-864-4442</b>											
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
<input checked="" type="checkbox"/>		1. Non-regulated material (solidified sludge)				DT		18 Est	T	CESQ4091 <del>Non-RCRA</del>	
<input type="checkbox"/>		2.									
<input type="checkbox"/>		3.									
<input type="checkbox"/>		4.									
14. Special Handling Instructions and Additional Information <b>01 Solidified sludge (PF:SBL-15-143)</b>											
EMERGENCY RESPONSE PHONE: 214-635-1500 ON CALL SUPERVISOR											
I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offoror's Printed/Typed Name <b>Scott Outwater</b>				Signature <b>Scott Outwater</b>		Month <b>2</b>		Day <b>19</b>		Year <b>15</b>	
16. International Shipments <input type="checkbox"/> Import to U.S.				<input type="checkbox"/> Export from U.S.		Port of entry/exit: <b>U.S. oil</b>		Date leaving U.S.: <b>Recovery Site</b>		<b>PRP Group</b>	
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name <b>Car 1 Gobert</b>				Signature <b>Car 1 Gobert</b>		Month <b>2</b>		Day <b>19</b>		Year <b>15</b>	
Transporter 2 Printed/Typed Name				Signature		Month		Day		Year	
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number:											
18b. Alternate Facility (or Generator)				U.S. EPA ID Number							
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator)						Month		Day		Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>01: H132</b>		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name <b>Veronica Saenz</b>				Signature <b>VS</b>		Month <b>2</b>		Day <b>19</b>		Year <b>15</b>	

Ro 166

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345899	C1-INDUST		Veronica S	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/19/15	02/19/15	15:53	16:28	ARJONA-777	15-143
REFERENCE		ORIGIN			
15-143					

Scale 2 Gross Wt.	63720	LB
Scale 3 Tare Wt.	34420	LB
Net Weight	29300	LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
14.65		TONS C1 SOLIDS-TON				

PHONE: (979)864-4442

NET AMOUNT

TENDERED

CHANGE

CHECK NO. \_\_\_\_\_

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: ORDER 120271  
Manifest: 002720097 GBF

**SIGNATURE** \_\_\_\_\_



Projects #: 0-0

Please print or type. (Form designed for use on 8 1/2" (12-pitch) typewriter.)

Order #: 120271

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720098 GBF</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> ATTN: <b>Scott Outwater</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77506</b>							
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>				Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>					
7. Transporter 2 Company Name <b>Bonilla TRUCKING TRUCK #01</b>				U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Analecton TX 77515</b> Facility's Phone: <b>979-864-4442</b>				State ID#: <b>H1539</b>							
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
<input type="checkbox"/>		1. <b>Non-regulated material (solidified sludge)</b>		<b>DT</b>		<b>Est 18</b>		<b>T</b>		<b>CESQ4091</b> <b>Non-RCMA</b>	
<input type="checkbox"/>		2.									
<input type="checkbox"/>		3.									
<input type="checkbox"/>		4.									
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SRI-15-143)</b>										EMERGENCY RESPONSE PHONE: 214-635-1500 ON CALL SUPERVISOR	
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Officer's Printed/Typed Name <b>Scott Outwater</b>				Signature <b>Scott Outwater</b>				Month Day Year <b>12 19 15</b>			
16. International Shipments		<input type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		Port of entry/exit:		Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name <b>Santo F. Bonilla</b>				Signature <b>S. Bonilla</b>				Month Day Year <b>12 19 15</b>			
Transporter 2 Printed/Typed Name				Signature				Month Day Year			
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number:											
18b. Alternate Facility (or Generator) U.S. EPA ID Number											
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator)										Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1.		2.		3.		4.					
<b>01: H132</b>											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name <b>Betty Ramirez</b>				Signature <b>Betty Ramirez</b>				Month Day Year <b>12 19 15</b>			

SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345866	C1-INDUST		BETTY R	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/19/15	02/19/15	14:30	15:03	BONILLA-01	15-143
REFERENCE			ORIGIN		
15-143					

Scale 2 Gross Wt. 68760 LB  
Scale 3 Tare Wt. 33540 LB  
Net Weight 35220 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.61	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: ORDER 120271  
Manifest: 002720098 GBF

SIGNATURE \_\_\_\_\_

NET AMOUNT
TENDERED
CHANGE
CHECK NO



Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

E<sup>2</sup>EFFECTIVE  
11/1/90

Velez-126

Order #: 120224

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720061 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 512-871-3434 ATTN: Scott Outwater</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>			
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>						Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Austin, TX 77515 Facility's Phone: 979-864-4447</b>						U.S. EPA ID Number <b>State ID#: H1539</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-regulated material (solidified sludge)				DT		Est 18	T	CESQ4091 Non-RCRA
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SRI-15-143)</b>									
<p align="center">EMERGENCY RESPONSE PHONE: 214-635-1500 ON CALL SUPERVISOR</p> <p>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</p>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. Export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name <b>X Scott Outwater</b>				Signature <b>X Scott Outwater</b>		Month Day Year <b>Recovery Site PRP Group 2 19 15</b>			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>ELOY D</b>				Signature <b>ELOY D</b>		Month Day Year <b>2 19 15</b>			
Transporter 2 Printed/Typed Name				Signature		Month Day Year			
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number:									
18b. Alternate Facility (or Generator) U.S. EPA ID Number									
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator)								Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. 01: H132		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Betty Ramirez</b>				Signature <b>B Ramirez</b>		Month Day Year <b>2 19 15</b>			

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID	WEIGHMASTER			
01	00345863	C1-INDUST	BETTY R			
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF	
02/19/15	02/19/15	14:28	14:59	VELEZ-126	15-143	
REFERENCE		ORIGIN				
15-143						

Scale 1 Gross Wt.	71980	LB
Scale 3 Tare Wt.	33140	LB
Net Weight	38840	LB

*Inbound - Charge ticket*

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.42	TONS	C1 SOLIDS-TON				

NET AMOUNT  
TENDERED  
CHANGE  
CHECK NO.

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: ORDER 120224  
Manifest: 002720061 GBF

SIGNATURE



Projects #: 0-0

Please print or type. (Form designed for use on elite (11-pitch) typewriter.)

E

EFFECTIVE  
ENVIRONMENTAL

68,360

(146)

Order #: 120224

Form Approved. OMB No. 2050-0039

Dry

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 3		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720060 GBF</b>	
5. Generator's Name and Mailing Address US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: <b>512-671-3434</b> <b>ALIN Scott Outwater</b>						Generator's Site Address (if different than mailing address) 400 N. Richey St., Pasadena, TX 77506			
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>						Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> 10310 FM 523 P.O. Box 567 Angleton, TX 77515 Facility's Phone: <b>979-864-4447</b>						U.S. EPA ID Number <b>State ID#: H1539</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. <input type="checkbox"/> Non-regulated material (solidified sludge)						<b>EST 18</b>	<b>T</b>	<b>QESQ4091</b> <b>Non-RCRA</b>
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 01: Solidified sludge (PF-SRI-15-143)									
* EMERGENCY RESPONSE PHONE: 214-635-1500 * ON CALL SUPERVISOR * I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations.									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name <b>Scott Outwater</b>				Signature <b>X Scott Outwater</b>		Month Day Year <b>2/19/15</b>			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>José A. Ramos</b>				Signature <b>José A. Ramos</b>		Month Day Year <b>2/19/15</b>			
Transporter 2 Printed/Typed Name				Signature		Month Day Year			
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number:									
18b. Alternate Facility (or Generator) U.S. EPA ID Number									
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>01: H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name <b>Betty Ramirez</b>				Signature <b>Betty Ramirez</b>		Month Day Year <b>2/19/15</b>			

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345847	C1-INDUST		BETTY R	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/19/15	02/19/15	13:46	14:34	VELEZ-10	15-143
REFERENCE		ORIGIN			
15-143					

Scale 2 Gross Wt.	68360	LB
Scale 3 Tare Wt.	31880	LB
Net Weight	36480	LB

*Inbound - Charge ticket*

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.24		TONS C1 SOLIDS-TON				

**PHONE: (979)864-4442**

**NET AMOUNT**

TENDERED

CHANGE

CHECK NO.

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: ORDER 120224  
Manifest: 002720060 GBF

SIGNATURE \_\_\_\_\_



Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Order #: 120224

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 2		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720062 GBF</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>					Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>					
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>					Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>			
7. Transporter 2 Company Name							U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Pasadena, TX 77515</b>					U.S. EPA ID Number  State ID#: <b>H1539</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes				
			No.	Type						
		1. <b>Non-regulated material (solidified sludge)</b>		DT		T	<b>01SQ4091 Non-RCRA</b>			
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SRI-15-143)</b>										
<b>EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>ON CALL SUPERVISOR</b> <small>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations.</small>										
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offoror's Printed/Typed Name: <b>Scott Outwater</b> Signature: <i>[Signature]</i> Month: <b>2</b> Day: <b>19</b> Year: <b>15</b> 16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: <b>Recovery Site PRP Group</b> Transporter signature (for exports only): <b>Carlos Ramos</b> Date leaving U.S.: <b>2/19/15</b> 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>Carlos Ramos</b> Signature: <i>[Signature]</i> Month: <b>2</b> Day: <b>19</b> Year: <b>15</b> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____										
TRANSPORTER	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	Manifest Reference Number: _____									
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____									
	Facility's Phone: _____									
DESIGNATED FACILITY	18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____									
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
	1. <b>01: H132</b>		2.		3.		4.			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
	Printed/Typed Name: <b>Betty Ramirez</b> Signature: <i>[Signature]</i> Month: <b>2</b> Day: <b>19</b> Year: <b>15</b>									

2/19/15

RO183

SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

SITE	TICKET	GRID		WEIGHMASTER	
01	00345824	C1-INDUST		BETTY R	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/19/15	02/19/15	12:56	13:57	VELEZ-09	15-143
REFERENCE		ORIGIN			
15-143					

Scale 1 Gross Wt.	67760	LB
Scale 3 Tare Wt.	38600	LB
Net Weight	29160	LB

*Inbound - Charge ticket*

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
14.58	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE

**Manifest:** 002720062 GBF

SIGNATURE \_\_\_\_\_

NET AMOUNT
TENDERED
CHANGE
CHECK NO



Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

E<sup>2</sup> **PRCTIVE**

Bonilla 01

Order # 120224

Form Approved. OMB No. 2050-0029

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720063 GBF</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>					Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>						
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>					Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>				
7. Transporter 2 Company Name <b>Bonilla Trucking</b>							U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Houston, TX 77515</b>					State ID#: <b>H1539</b>		U.S. EPA ID Number				
9a. HM					9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
<input type="checkbox"/>		1. Non-regulated material (solidified sludge)					DT		EST 18	T	CESQ4091 Non-RCRA
<input type="checkbox"/>		2.									
<input type="checkbox"/>		3.									
<input type="checkbox"/>		4.									
14. Special Handling Instructions and Additional Information 01: Solidified sludge (PF: SBL-15-143)											
<b>EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>ON CALL SUPERVISOR</b> <small>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 281 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</small>											
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <b>Scott Outwater</b>					Signature <i>[Signature]</i>		Signatory Agent on Behalf of U.S. Oil Recovery Site PRP Group Month Day Year <b>12 19 15</b>				
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Santos F. Bonilla</b> Signature <i>[Signature]</i> Month Day Year <b>12 19 15</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____											
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____											
18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____											
Facility's Phone: _____											
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>01: H132</b> 2. _____ 3. _____ 4. _____											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name <b>Veronica Saenz</b> Signature <i>[Signature]</i> Month Day Year <b>12 19 15</b>											

RO141

SeaBreeze Environmental LF  
 10310 FM-523  
 Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
 945 EAST PLEASANT RUN ROAD  
 LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345762	C1-INDUST		Veronica S	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/19/15	02/19/15	10:25	11:51	BONILLA-01	15-143
REFERENCE			ORIGIN		
15-143					

Scale 2 Gross Wt. 62960 LB  
 Scale 3 Tare Wt. 33820 LB  
 Net Weight 29140 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
14.57	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
 NOTES: C1-SOLIDIFIED SLUDGE  
 PO #: 120224  
 Manifest: 002720063 GBF

SIGNATURE \_\_\_\_\_

<b>NET AMOUNT</b>
TENDERED
CHANGE
CHECK NO.



Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Order #: 120224

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720064 GBF</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 512-871-3434 ATTN: Scott Outwater</b>					Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>						
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>					Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>				
7. Transporter 2 Company Name							U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Pasadena, TX 77515</b>					U.S. EPA ID Number <b>State ID#: H1539</b>						
9a. HM					9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
<input type="checkbox"/>		1. <b>Non-regulated material (solidified sludge)</b>					DT			T	<b>QESQ4091 Non-RCRA</b>
<input type="checkbox"/>		2.									
<input type="checkbox"/>		3.									
<input type="checkbox"/>		4.									
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF: SRI -15-143)</b>											
<b>EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>ON CALL SUPERVISOR</b> I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 281 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations.											
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offoror's Printed/Typed Name <b>Scott Outwater</b>					Signature <i>[Signature]</i>		Month <b>2</b>		Day <b>19</b>	Year <b>15</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.					Port of entry/exit: Date leaving U.S.:		<b>U.S. Oil Recovery Site PRP Group</b> <b>Signature Agenton</b>				
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name <b>Enrique A. Pena</b>					Signature <i>[Signature]</i>		Month <b>2</b>		Day <b>19</b>	Year <b>15</b>	
Transporter 2 Printed/Typed Name					Signature		Month		Day	Year	
18. Discrepancy											
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
Manifest Reference Number:											
18b. Alternate Facility (or Generator) U.S. EPA ID Number											
Facility's Phone:											
18c. Signature of Alternate Facility (or Generator) Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>01: H132</b>		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 16a											
Printed/Typed Name <b>Veronica Saenz</b>					Signature <i>[Signature]</i>		Month <b>2</b>		Day <b>19</b>	Year <b>15</b>	



019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345758	C1-INDUST		Veronica S	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/19/15	02/19/15	10:18	11:34	PENITAS-13	15-143
REFERENCE		ORIGIN			
15-143					

Scale 2 Gross Wt.	62480	LB
Scale 3 Tare Wt.	33780	LB
Net Weight	28700	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
14.35	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120224  
Manifest: 002720064 GBF

SIGNATURE

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

Projects #: 0-0

Please print or type: (Form designed for use on elite (12-pitch) typewriter.)

EFFECTIVE

Order #: 120224

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 2		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720066 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b> Generator's Phone: <b>512-671-3434 ALIN Scott Outwater</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>			
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>						Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Pasadena, TX 77515</b>						U.S. EPA ID Number <b>State ID#: H1539</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
<input type="checkbox"/>	1. <b>Non-regulated material (solidified sludge)</b>				DT		<b>Est 19</b>	T	<b>QESQ4091 Non-RCRA</b>
<input type="checkbox"/>	2.								
<input type="checkbox"/>	3.								
<input type="checkbox"/>	4.								
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SBI-15-143)</b> <b>* EMERGENCY RESPONSE PHONE: 214-635-1500 *</b> <b>* ON CALL SUPERVISOR *</b> I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations.									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are truly and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offero's Printed/Typed Name <b>Scott Outwater</b>				Signature <b>Scott Outwater</b>		Month <b>2</b>		Day <b>19</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.				Port of entry/exit: Date leaving U.S.:		Month <b>2</b>		Day <b>19</b>	
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Carlos Ramos</b> Signature <b>CR</b> Month <b>12</b> Day <b>19</b> Year <b>15</b>									
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>01: H132</b> 2. 3. 4.									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name <b>W. Russell</b> Signature <b>W. Russell</b> Month <b>12</b> Day <b>19</b> Year <b>15</b>									



SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345740	C1-INDUST		Lynn P	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/19/15	02/19/15	09:29	10:08	VELEZ-09	15-143
REFERENCE			ORIGIN		
15-143					

Scale 2 Gross Wt. 70380 LB  
Scale 3 Tare Wt. 39080 LB  
Net Weight 31300 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.65	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120224  
Manifest: 002720066 GBF

SIGNATURE



NET AMOUNT

TENDERED

CHANGE

CHECK NO.

Projects # 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

**E**  
EPA Form 8700-22 (Rev. 3-05)

Order #: 120224

Form Approved: OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720065 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golden Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> <b>ATTN: Scott Outwater</b>					Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77506</b>				
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>					Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>		
7. Transporter 2 Company Name							U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Angleton, TX 77515</b> Facility's Phone: <b>979-864-4447</b>					U.S. EPA ID Number <b>State ID#: H1539</b>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
					No.	Type			
	<input type="checkbox"/>	1. <b>Non-regulated material (solidified sludge)</b>				DT	<b>EST 18</b>	T	<b>CESQ4091</b> <b>Non-RCRA</b>
		2.							
		3.							
	4.								
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF:SBL-15-143)</b> <div style="text-align: right;">* EMERGENCY RESPONSE PHONE: 214-635-1500 * * ON CALL SUPERVISOR *</div> <p style="font-size: small;">I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</p>									
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Scott Outwater</b>					Signature <b>Scott Outwater</b>				
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.					Port of entry/exit: _____ Date leaving U.S.: _____				
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>E/OX D</b>					Signature <b>[Signature]</b>		Month Day Year <b>12 19 15</b>		
Transporter 2 Printed/Typed Name					Signature		Month Day Year		
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number: _____									
18b. Alternate Facility (or Generator)					U.S. EPA ID Number				
Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator)								Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>01: H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 15a									
Printed/Typed Name <b>Veronica Saenz</b>					Signature <b>[Signature]</b>			Month Day Year <b>12 19 15</b>	



019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00345756	C1-INDUST		Veronica S	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/19/15	02/19/15	10:11	11:02	VELEZ-126	15-143
REFERENCE		ORIGIN			
15-143					

Scale 1 Gross Wt.	69020	LB
Scale 3 Tare Wt.	33620	LB
Net Weight	35400	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.70	TONS	C1 SOLIDS-TON				
1.00	EACH	Clean Up Fee				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120224  
Manifest: 002720065 GBF

SIGNATURE

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

EFFECTIVE ENVIRONMENTAL

Order #: 120271

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720095 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 512-611-3434 A.L.N. Scott Outwater</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>					
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>				Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Arlington, TX 77515 Facility's Phone: 979-864-4447</b>				U.S. EPA ID Number <b>State ID#: H1539</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
		1. <input type="checkbox"/> Non-regulated material (solidified sludge)			DT		EST 18	T	CESQ4091 Non-RCRA
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF:SBL-15-143)</b>									
<p align="center">EMERGENCY RESPONSE PHONE: 214-635-1500 ON CALL SUPERVISOR</p> <p align="center">I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</p>									
<p>15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.</p> <p>Generator's/Officer's Printed/Typed Name: <b>X Scott Outwater</b> Signature: <b>X Scott Outwater</b> Signature Agent on Behalf of U.S. Oil Recovery Site PRP Group Month: <b>2</b> Day: <b>20</b> Year: <b>15</b></p>									
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit:		Date leaving U.S.:				
	Transporter signature (for exports only):								
DESIGNATED FACILITY	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name: <b>Carl Robert</b>			Signature: <b>Carl Robert</b>			Month: <b>2</b> Day: <b>20</b> Year: <b>15</b>		
	Transporter 2 Printed/Typed Name:			Signature:			Month: Day: Year:		
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number:									
18b. Alternate Facility (or Generator) U.S. EPA ID Number									
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>01: H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name: <b>Veronica Saenz</b>				Signature: <b>VS</b>				Month: <b>12</b> Day: <b>20</b> Year: <b>15</b>	



019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346007	C1-INDUST		Veronica S	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	09:13	09:35	ARJONA-777	15-143
REFERENCE		ORIGIN			
15-143					

Scale 1 Gross Wt.		73700	LB	Inbound - Charge ticket		
Scale 3 Tare Wt.		35000	LB			
Net Weight		38700	LB			

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.35	TONS	C1 SOLIDS-TON				

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

SIGNATURE

Can /

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Arizona-417

E<sup>2</sup> EFFECTIVE ENVIRONMENTAL

68560

Order #: 120271

Form Approved. OMB No. 2050-0039

Dry

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002720094 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 512-671-3434 ATIN: Scott Outwater</b>			Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>			
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>			Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Angeles, TX 77515 Facility's Phone: 979-864-4442</b>			U.S. EPA ID Number <b>State ID#: H1539</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. <input type="checkbox"/> <b>Non-regulated material (solidified sludge)</b>		DT		T	<b>CESQ4091 Non-RCRA</b>
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SRI-15-143)</b>						
<p align="center"><b>EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>ON CALL SUPERVISOR</b></p> <p align="center">I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</p>						
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>X Scott Outwater</b>		Signature <b>X Scott Outwater</b>		Month Day Year <b>2 20 15</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: <b>US Oil Recovery Site</b> Transporter signature (for exports only): <b>PRP Group</b> Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Manuel Manzanaves</b>		Signature <b>[Signature]</b>		Month Day Year <b>2 20 15</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>01: H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 19a						
Printed/Typed Name <b>Veronica Saenz</b>		Signature <b>[Signature]</b>		Month Day Year <b>2 20 15</b>		



SeaBreeze Environmental LF  
10310 FM-523 ~  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346019	C1-INDUST		Veronica S	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	09:41	10:26	ARJONA-417	15-143
REFERENCE			ORIGIN		
15-143					

Scale 1 Gross Wt. 68560 LB  
Scale 3 Tare Wt. 35920 LB  
Net Weight 32640 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
16.32	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: ORDER 120271  
Manifest: 002720094 GBF

SIGNATURE



NET AMOUNT
TENDERED
CHANGE
CHECK NO.

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346018	C1-INDUST		Veronica S	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	09:38	10:20	ARJONA-8	15-143
REFERENCE		ORIGIN			
15-143					

Scale 2 Gross Wt.	68000	LB
Scale 3 Tare Wt.	37000	LB
Net Weight	31000	LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.50	TONS	C1 SOLIDS-TON				

**NET AMOUNT**

TENDERED

CHANGE

CHECK NO.

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: ORDER 120271  
Manifest: 002720093 GBF

SIGNATURE \_\_\_\_\_

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

EFFECTIVE ENVIRONMENTAL

62,700

Order #: 120271

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720092 GBF</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> ATTN: <b>Scott Outwater</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77506</b>				
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>						Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>		
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Aurora, TX 77515</b> Facility's Phone: <b>979-864-4442</b>						U.S. EPA ID Number <b>State ID#: H1539</b>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <input type="checkbox"/> Non-regulated material (solidified sludge)				DT		18 EST	T	CESQ4091 Non-RCRA
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF:SBL-15-143)</b> <div style="text-align: right;">* EMERGENCY RESPONSE PHONE: 214-635-1500 *</div> <div style="text-align: right;">* ON CALL SUPERVISOR *</div> <p>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</p>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations of the Department of Transportation and Federal Bureau of Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offor's Printed/Typed Name <b>X Scott Outwater</b>						Signature <b>X Scott Outwater</b>		Month Day Year <b>12/20/15</b>		
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:									
	17. Transporter Acknowledgment of Receipt of Materials									
TRANSPORTER	Transporter 1 Printed/Typed Name <b>Carlos Ramos</b>						Signature <b>[Signature]</b>		Month Day Year <b>12/20/15</b>	
	Transporter 2 Printed/Typed Name						Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	Manifest Reference Number:									
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number			
	Facility's Phone:									
18c. Signature of Alternate Facility (or Generator)										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. 01: H132		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name <b>Betty Ramirez</b>						Signature <b>[Signature]</b>		Month Day Year <b>12/20/15</b>		



SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346032	C1-INDUST		BETTY R	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	10:10	11:10	VELEZ-10	15-143
REFERENCE			ORIGIN		
15-143					

Scale 1 Gross Wt. 62700 LB  
Scale 3 Tare Wt. 32360 LB  
Net Weight 30340 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.17	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: ORDER 120271  
Manifest: 002720092 GBF

SIGNATURE



NET AMOUNT

TENDERED

CHANGE

CHECK NO.

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Order #: 120271

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of 1	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002720091 GBF</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>			
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>				Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Houston, TX 77515</b>				State ID#: <b>H1539</b>		U.S. EPA ID Number	
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	1.	<input type="checkbox"/> <b>Non-regulated material (solidified sludge)</b>		DT	<b>18 EST</b>	T	<b>CESQ4091 Non-RCRA</b>
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SRI-15-143)</b>							
<p><b>* EMERGENCY RESPONSE PHONE: 214-635-1500 *</b> <b>* ON CALL SUPERVISOR *</b></p> <p><small>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 281 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</small></p>							
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>X Scott Outwater</b>				Signature <b>X Scott Outwater</b>		Month Day Year <b>12 20 15</b>	
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
TRANSPORTER	Transporter 1 Printed/Typed Name <b>Manuel Quezada</b>				Signature <b>Manuel Quezada</b>		Month Day Year <b>12 20 15</b>
	Transporter 2 Printed/Typed Name				Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone: _____						
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. <b>01: H132</b>	2.	3.	4.			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
	Printed/Typed Name <b>Betty Ramirez</b>				Signature <b>Betty Ramirez</b>		Month Day Year <b>12 20 15</b>



SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346045	C1-INDUST		BETTY R	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	11:04	12:14	VELEZ-041	15-143
REFERENCE			ORIGIN		
15-143					

Manual Gross Wt. 68540 LB  
Scale 3 Tare Wt. 33340 LB  
Net Weight 35200 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.60	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120271  
Manifest: 002720091 GBF

SIGNATURE \_\_\_\_\_

NET AMOUNT
TENDERED
CHANGE
CHECK NO

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

E<sup>2</sup> **PROTECTIVE ENVIRONMENTAL**

# Bedolla  
68220

Order #: 120271

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720090 GBF</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> ATTN: <b>Scott Outwater</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77506</b>						
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>				Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>				
7. Transporter 2 Company Name <b>LB DOLLA TRUCKING</b>						U.S. EPA ID Number <b>08965 C</b>				
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Aurora, TX 77515</b> Facility's Phone: <b>979-864-4442</b>				State ID#: <b>H1539</b>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. <input type="checkbox"/> Non-regulated material (solidified sludge)					<b>18 EST</b>	<b>T</b>	<b>QESQ4091</b> <b>Non-RCRA</b>	
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SRI-15-143)</b> <div style="text-align: right;">* EMERGENCY RESPONSE PHONE: 214-635-1500 * * ON CALL SUPERVISOR *</div> <div style="font-size: small; text-align: right;">I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</div>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offero's Printed/Typed Name: <b>X Scott Outwater</b> Signature: <b>X Scott Outwater</b> Date: <b>12/20/15</b> Month: <b>12</b> Day: <b>20</b> Year: <b>15</b>										
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____ Transporter 2 Printed/Typed Name: <b>Victor Polanco</b> Signature: <b>[Signature]</b> Month: <b>12</b> Day: <b>12</b> Year: <b>15</b>									
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____									
	18b. Alternate Facility (or Generator) U.S. EPA ID Number: _____									
	Facility's Phone: _____									
	18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>01: H132</b> 2. _____ 3. _____ 4. _____										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: <b>Betty Ramirez</b> Signature: <b>[Signature]</b> Date: <b>12/20/15</b> Month: <b>12</b> Day: <b>20</b> Year: <b>15</b>										

SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346049	C1-INDUST		BETTY R	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	11:10	11:56	BEDOLLA04615-143	
REFERENCE			ORIGIN		
15-143					

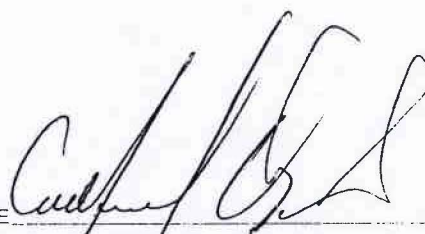
Scale 2 Gross Wt. 68220 LB  
Scale 3 Tare Wt. 35540 LB  
Net Weight 32680 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
16.34	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120271  
Manifest: 002720090 GBF

SIGNATURE 

NET AMOUNT
TENDERED
CHANGE
CHECK NO.



Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Order #: 120334

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002720122 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> AITN: <b>Scott Outwater</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77506</b>			
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>				Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Angleton, TX 77515</b> Facility's Phone: <b>979-864-4442</b>				U.S. EPA ID Number <b>State ID#: H1539</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
1.	Non-regulated material (solidified sludge)			DT		18 EST	T
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information 01: Solidified sludge (PF: SRI-15-143)				EMERGENCY RESPONSE PHONE: 214-635-1500 ON CALL SUPERVISOR I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.			
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Scott Outwater</b>				Signature <b>[Signature]</b>		Recovery site PRP Group Month Day Year <b>2 20 15</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.				Port of entry/exit: Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Carl Gobert</b>				Signature <b>[Signature]</b>		Month Day Year <b>2 20 15</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number:							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. 01: H132		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Betty Ramirez</b>				Signature <b>[Signature]</b>		Month Day Year <b>2 20 15</b>	



019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346097	C1-INDUST		BETTY R	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	12:28	13:12	VELEZ-777	15-143
REFERENCE		ORIGIN			
15-143					

Manual Gross Wt.		76500	LB	Inbound - Charge ticket		
Scale 3 Tare Wt.		34600	LB			
Net Weight		41900	LB			
QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.95	TONS	C1 SOLIDS-TON				

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120334  
Manifest: 002720122 GBF

SIGNATURE \_\_\_\_\_

Projects #: 0-0

**E<sup>2</sup>**  
EFFECTIVE  
ENVIRONMENTAL

Arizona 417  
~~WET~~ DRY

Order #: 120334

1:23 PM

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved: OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720113 GBF</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> ATTN: <b>Scott Outwater</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77506</b>							
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>				Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>					
7. Transporter 2 Company Name <i>Arizona 417</i>						U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Angeles, TX 77515</b> Facility's Phone: <b>979-864-4442</b>				State ID#: <b>H1539</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes				
			No.	Type							
	<input type="checkbox"/>	1. <b>Non-regulated material (solidified sludge)</b>		DT	<b>EST 19</b>	T	<b>CESQ4091</b> <b>Non-RCRA</b>				
		2.									
		3.									
		4.									
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF: SBI-15-143)</b>											
<b>* EMERGENCY RESPONSE PHONE: 214-635-1500 *</b> <b>* ON CALL SUPERVISOR *</b> <small>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</small>											
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name <b>Scott Outwater</b>				Signature <i>[Signature]</i>		Month <b>2</b>		Day <b>20</b>		Year <b>15</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>[Signature]</i> Signature <i>[Signature]</i> Month <b>2</b> Day <b>20</b> Year <b>15</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____										
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____ Facility's Phone: _____										
	18c. Signature of Alternate Facility (or Generator) _____								Month _____ Day _____ Year _____		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>01: H132</b>		2. _____		3. _____		4. _____					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <i>[Signature]</i> Signature <i>[Signature]</i> Month <b>2</b> Day <b>20</b> Year <b>15</b>											



019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346118	C1-INDUST		Lynn P	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	13:24	13:56	ARJONA-417	15-143
REFERENCE		ORIGIN			
15-143					

Scale 2 Gross Wt.		66960	LB	Inbound - Charge ticket		
Scale 3 Tare Wt.		35800	LB			
Net Weight		31160	LB			
QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.58	TONS	C1 SOLIDS-TON				

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

SIGNATURE

*[Handwritten signature]*

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

E-2

71500

Order # 120334

Form Approved. OMB No. 2050-0039

1.45

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002720116 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> <b>ATTN: Scott Outwater</b>			Generator's Site Address (if different than mailing address) <b>400 N. Richey St.</b> <b>Pasadena TX 77506</b>			
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>			Ph#: <b>281-704-6814</b> State ID#: <b>83174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Anneton, TX 77515</b> Facility's Phone: <b>979-864-4442</b>			U.S. EPA ID Number <b>State ID#: H1539</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
<input type="checkbox"/>	1. <b>Non-regulated material (solidified sludge)</b>			<b>Est 18</b>	<b>T</b>	<b>QESQ4091</b> <b>Non-RCRA</b>
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF: SRI-15-143)</b> <b>EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>ON CALL SUPERVISOR</b> I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 281 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations.						
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. <b>Signature of Scott Outwater</b> <b>Signature of Kevin Jackson</b> <b>Signature of Agent on Behalf of U.S. Oil Recovery Site PRP Group</b> Month Day Year <b>2 20 15</b>						
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Kevin Jackson</b> Signature <b>Kevin Jackson</b> Month Day Year <b>2 20 15</b> Transporter 2 Printed/Typed Name Signature Month Day Year						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>01: H132</b> 2. 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Scott Outwater</b> Signature <b>Scott Outwater</b> Month Day Year <b>2 20 15</b>						



310 FM-523  
Se. gleton, TX 77515

SITE	TICKET	GRID		WEIGHMASTER	
01	00346125	C1-INDUST		Lynn P	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	13:46	14:11	ARJANA-08	15-143
REFERENCE		ORIGIN			
15-143					

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.32	TONS	C1 SOLIDS-TON				

NET AMOUNT

TENDERED

CHANGE

CHECK NO. \_\_\_\_\_

Manifest: 002720116 GBF

**SIGNATURE** \_\_\_\_\_

Projects #: 0-0 328 Bedolla 40 E

Order #: 120334

Please print or type. (Form designed for use on elite (12-pitch) typewriter)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720117 GBF</b>									
5. Generator Name and Address <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>													
Generator's Phone: <b>512-671-3434</b> AITN: <b>Scott Outwater</b>																	
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>				Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>											
7. Transporter 2 Company Name <b>J.B. Dolph</b>						U.S. EPA ID Number <b>08065C</b>											
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Center 10310 FM 523 P.O. Box 567 Anneton TX 77515</b>				State ID#: <b>H1539</b>		U.S. EPA ID Number											
Facility's Phone: <b>979-864-4442</b>																	
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes						
<input type="checkbox"/>		1. Non-regulated material (solidified sludge)					<b>EST 18</b>		<b>T</b>		<b>U015</b> <b>Non-RCRA</b>						
		2.															
		3.															
		4.															
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SRI-15-143)</b>												* EMERGENCY RESPONSE PHONE: 214-635-1500 * * ON CALL SUPERVISOR *					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.																	
Generator's/Offor's Printed/Typed Name <b>X Scott Outwater</b>												Signature <b>X Scott Outwater</b>		Month Day Year <b>12/20/15</b>			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.												Port of entry/exit:		Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials												Signature <b>Velez</b>		Month Day Year <b>12/20/15</b>			
18. Discrepancy												Signature		Month Day Year			
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												Manifest Reference Number:		U.S. EPA ID Number			
18b. Alternate Facility (or Generator)												Facility's Phone:					
18c. Signature of Alternate Facility (or Generator)												Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																	
1. <b>01: H132</b>												2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a												Signature <b>L.A. Pruscott</b>		Month Day Year <b>12/20/15</b>			



019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346162	C1-INDUST		Lynn P	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	15:30	15:54	BEDOLLA04615-143	
REFERENCE		ORIGIN			
15-143					

Scale 1 Gross Wt.	68040	LB
Scale 3 Tare Wt.	33520	LB
Net Weight	34520	LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.26		TONS C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120334  
Manifest: 002720117 GBF

SIGNATURE \_\_\_\_\_

NET AMOUNT  
TENDERED  
CHANGE  
CHECK NO.

Projects # 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)



Bedolla 4/1 Day 60780 330

Order # 120334

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 2		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720118 GBF</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> ATTN: <b>Scott Outwater</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77506</b>					
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>						Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>			
7. Transporter 2 Company Name								U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Aurora, TX 77515</b> Facility's Phone: <b>979-864-4442</b>						U.S. EPA ID Number <b>State ID#: H1539</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No. Type					
	<input type="checkbox"/>	1. <b>Non-regulated material (solidified sludge)</b>				DT		<b>EST 18</b>	T	<b>CESQ4091</b> <b>Non-RCRA</b>	
		2.									
		3.									
	4.										
14. Special Handling Instructions and Additional Information <b>01 Solidified sludge (PF-SRI-15-143)</b>											
<p><b>EMERGENCY RESPONSE PHONE: 214-635-1500</b></p> <p><b>ON CALL SUPERVISOR</b></p> <p><small>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261.11 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</small></p>											
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name: <b>Scott Outwater</b> Signature: <i>[Signature]</i> U.S. AIR Recovery Month Day Year <i>[Signature]</i> Site PR P Group 12 20 15											
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>Manuel Quezada</b> Signature: <i>[Signature]</i> Month Day Year <b>12 20 15</b> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month Day Year _____										
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	18b. Alternate Facility (or Generator) _____ Manifest Reference Number: _____ U.S. EPA ID Number _____										
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. <b>H132</b> 2. _____ 3. _____ 4. _____											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: <b>L.P. Prescott</b> Signature: <i>[Signature]</i> Month Day Year <b>12 20 15</b>											



019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346163	C1-INDUST		Lynn P	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	15:31	15:59	BEDOLLA	15-143
REFERENCE		ORIGIN			
15-143					

Scale 2 Gross Wt.	60600	LB
Scale 3 Tare Wt.	35580	LB
Net Weight	25020	LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
12.51	TONS	C1 SOLIDS-TON				

**NET AMOUNT**

TENDERED

CHANGE

CHECK NO

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120334  
Manifest: 002720118 GBF

SIGNATURE \_\_\_\_\_

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)



Order #: 120334

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720119 GBF</b>	
5. Generator Name and Address <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 512-671-3434 ATTN: Scott Outwater</b>				6. Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>					
7. Transporter 1 Company Name <b>Velez Trucking Inc.</b>				8. Transporter 1 U.S. EPA ID Number <b>TXR000077981</b>		9. Transporter 2 Company Name			
10. Transporter 2 U.S. EPA ID Number				11. Facility Name and Address <b>10310 FM 523 P.O. Box 567 Arlington TX 77515 979-864-4442</b>					
12. Facility's Phone				13. State ID#: <b>H1539</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
			No.	Type					
		1. Non-regulated material (solidified sludge)		DT	EST 18	T	CESQ4091 Non-RCRA		
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SBL-15-143)</b>									
* EMERGENCY RESPONSE PHONE: 214-635-1500 * * ON CALL SUPERVISOR * I hereby certify that the above described materials are non-hazardous wastes, as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name: <b>X Scott Outwater</b> Signature: <b>X Scott Outwater</b> U.S. Oil Site Recovery Site TRP Group Month Day Year: <b>2/20/15</b>									
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>Carl Robert</b> Signature: <b>Carl Robert</b> Month Day Year: <b>2/20/15</b> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month Day Year: _____								
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____								
	Facility's Phone: _____								
	18c. Signature of Alternate Facility (or Generator) Month Day Year: _____								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>01: H132</b> 2. _____ 3. _____ 4. _____									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a. Printed/Typed Name: <b>LA Oriscott</b> Signature: <b>LA Oriscott</b> Month Day Year: <b>2/20/15</b>									



SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346178	C1-INDUST		Lynn P	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/20/15	02/20/15	16:11	16:38	ARJONA-777	15-143
REFERENCE			ORIGIN		
15-143					

Scale 2 Gross Wt. 77360 LB  
Scale 3 Tare Wt. 34420 LB  
Net Weight 42940 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.47	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120334  
Manifest: 002720119 GBF

SIGNATURE \_\_\_\_\_

<b>NET AMOUNT</b>
TENDERED
CHANGE
CHECK NO.

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Arizona

DRY/ 7:37 AM

Order #: 120334

Form Approved OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720114 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>					Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>				
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>					Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>		
7. Transporter 2 Company Name							U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Pasadena, TX 77515</b>					U.S. EPA ID Number <b>State ID#: H1539</b>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1.	<input type="checkbox"/> Non-regulated material (solidified sludge)		DT	18 EST	T	<b>CESQ4091 Non-RCRA</b>		
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF: SRI-15-143)</b>									
<p>EMERGENCY RESPONSE PHONE: 214-635-1500 ON CALL SUPERVISOR</p> <p>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</p>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name <b>X Scott Outwater</b>					Signature <i>[Signature]</i>		Month Day Year <b>2 20 15</b>		
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name					Signature		Month Day Year	
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name <b>KEVIN JACKSON</b>					Signature <i>[Signature]</i>		Month Day Year <b>2 20 15</b>	
	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____									
18b. Alternate Facility (or Generator) U.S. EPA ID Number									
Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>01: H132</b>			2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Betty Ramirez</b>					Signature <i>[Signature]</i>		Month Day Year <b>2 21 15</b>		



SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346197	C1-INDUST		BETTY R	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/21/15	02/21/15	07:38	08:05	ARJONA-8	15-143
REFERENCE			ORIGIN		
15-143					

Scale 2 Gross Wt. 71320 LB  
Scale 3 Tare Wt. 37000 LB  
Net Weight 34320 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.16		TONS C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120334  
Manifest: 002720114 GBF

SIGNATURE

*Kevin Jackson*

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

E

EFFECTIVE ENVIRONMENTAL

Velez 68

Order #: 120400

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720152 GBF</b>		
5. Generator's Name and Mailing Address US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 512-671-3424 ATTN: Scott Outwater						Generator's Site Address (if different than mailing address) 400 N. Richey St., Pasadena TX 77506				
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>						Ph#: 281-704-6814 State ID#: 88174		U.S. EPA ID Number <b>TXR000077981</b>		
7. Transporter 2 Company Name <b>RE 668</b>								U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> 10310 FM 523 P.O. Box 567 Pasadena TX 77515 Facility Phone: 979-864-4442						U.S. EPA ID Number <b>State ID#: H1539</b>				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))					10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-regulated (trash, debris)					DT		EST 18	T	CESQ3101 Non-RCRA
	2.									
	3.									
	4.									
14. Special Handling Instructions and Additional Information 01: Solid waste (PF-SRI-15-142) <b>EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>ON CALL SUPERVISOR</b> I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations.										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. <b>Signature Agent on Behalf of</b>										
Generator's/Officer's Printed/Typed Name <b>Scott Outwater</b>						Signature <b>Scott Outwater</b>		U.S. Oil Recovery Site PRP Group 2/23/15		Month Day Year 2/23/15
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Transporter signature (for exports only): Port of entry/exit: Date leaving U.S.:										
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Reuben Equivel</b> Signature <b>Reuben Equivel</b> Month Day Year 12/23/15 Transporter 2 Printed/Typed Name Signature Month Day Year										
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: U.S. EPA ID Number 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. 01: H132 2. 3. 4.										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Billy Ramirez</b> Signature <b>Billy Ramirez</b> Month Day Year 2/23/15										



SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346412	LOOSE		BETTY R	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/23/15	02/23/15	12:34	12:57	VELEZ-668	15-142
REFERENCE			ORIGIN		
15-142					

Manual Gross Wt. 44800 LB  
Scale 3 Tare Wt. 34800 LB  
Net Weight 10000 LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
5.00	TONS	C1-NON-IND-SOLIDS-TN				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-TRASH,DEBRIS,PPE,PAILS  
PO #: 120400  
Manifest: 002720152 GBF

NET AMOUNT
TENDERED
CHANGE
CHECK NO

SIGNATURE \_\_\_\_\_

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

EFFECTIVE  
HYDROMENTAL

Jom 1028 45048

Order #: 120400

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720151 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena TX 77506</b>					
Generator's Phone: <b>512-671-3434</b> Attn: <b>Scott Outwater</b>				6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>		Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Angleton, TX 77515</b>				Facility's Phone: <b>979-864-4442</b>		U.S. EPA ID Number		State ID#: <b>H1539</b>	
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <input type="checkbox"/> <b>Non-regulated (trash, debris)</b>					<b>EST 18</b>	<b>T</b>	<b>CESQ3191 Non-RCRA</b>
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>01: Solid waste (PF-SRI -15-142)</b>									
<p align="center"><b>* EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>* ON CALL SUPERVISOR *</b></p> <p>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 (or applicable state law). Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</p>									
<p>15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.</p> <p>I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.</p> <p align="right"><i>Signatory Agent on Behalf of</i></p>									
<p>Generator's/Officer's Printed/Typed Name <b>Scott Outwater</b></p> <p>Signature <i>[Signature]</i> U.S. Oil Recovery Site PRP Group Month <b>12</b> Day <b>23</b> Year <b>15</b></p>									
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
	17. Transporter Acknowledgment of Receipt of Materials								
DESIGNATED FACILITY	Transporter 1 Printed/Typed Name <b>JOSE OLIVA</b>				Signature <i>[Signature]</i>		Month <b>12</b> Day <b>23</b> Year <b>15</b>		
	Transporter 2 Printed/Typed Name				Signature		Month Day Year		
	18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number: U.S. EPA ID Number									
18b. Alternate Facility (or Generator) U.S. EPA ID Number									
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>01: H132</b> 2. 3. 4.									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Beth Ramirez</b> Signature <i>[Signature]</i> Month <b>12</b> Day <b>23</b> Year <b>15</b>									



019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346405	LOOSE		BETTY R	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/23/15	02/23/15	12:18	12:43	JOM-1028	15-142
REFERENCE		ORIGIN			
15-142					

Scale 2 Gross Wt.	45040	LB
Scale 3 Tare Wt.	34500	LB
Net Weight	10540	LB

*Inbound - Charge ticket*

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
5.27		TONS C1-NON-IND-SOLIDS-TN				

**NET AMOUNT**

TENDERED

CHANGE

CHECK NO. \_\_\_\_\_

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-TRASH,DEBRIS,PPE,PAILS  
PO #: 120400  
Manifest: 002720151 GBF

SIGNATURE

*Sal*



Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

E<sup>2</sup>

47780

Order #: 120223

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720056 GBF</b>									
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 512-671-3434 ATTN: Scott Outwater</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>											
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>						Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>									
7. Transporter 2 Company Name								U.S. EPA ID Number									
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Angleton, TX 77515 Facility's Phone: 979-864-4442</b>						U.S. EPA ID Number <b>State ID#: H1539</b>											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes							
						No.	Type										
		1. <b>Non-regulated (trash, debris)</b>					<b>DT</b>	<b>EST 18</b>	<b>T</b>	<b>CESQ3191 Non-RCRA</b>							
		2.															
		3.															
	4.																
14. Special Handling Instructions and Additional Information <b>01: Solid waste (PF-SBL-15-142)</b>																	
<b>* EMERGENCY RESPONSE PHONE: 214-635-1500 *</b> <b>* ON CALL SUPERVISOR *</b> <small>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</small>																	
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.																	
Generator's/Offor's Printed/Typed Name <b>X Scott Outwater</b>						Signature <b>X Scott Outwater</b> U.S. Oil Recovery Site 2 / 23/15 PRP Group											
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:																
	Transporter signature (for exports only):																
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials																
	Transporter 1 Printed/Typed Name <b>Miguel Overale</b>					Signature <b>Miguel Overale</b>					Month Day Year <b>12 23 15</b>						
Transporter 2 Printed/Typed Name					Signature					Month Day Year							
DESIGNATED FACILITY	18. Discrepancy																
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection																
	Manifest Reference Number:																
	18b. Alternate Facility (or Generator) U.S. EPA ID Number																
	Facility's Phone:																
18c. Signature of Alternate Facility (or Generator) Month Day Year																	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																	
1. <b>01: H132</b>				2.				3.				4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a																	
Printed/Typed Name <b>Scott Outwater</b>						Signature <b>Scott Outwater</b>						Month Day Year <b>12 23 15</b>					

R0171 sw 2/23/15

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID	WEIGHMASTER		
01	00346403	LOOSE	BETTY R		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/23/15	02/23/15	12:15	12:36	QUEZADA112	15-142
REFERENCE		ORIGIN			
15-142					

Scale 2 Gross Wt.	47780	LB
Scale 3 Tare Wt.	36100	LB
Net Weight	11680	LB

*Inbound - Charge ticket*

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
5.84	TONS	C1-NON-IND-SOLIDS-TN				

**NET AMOUNT**

TENDERED

CHANGE

CHECK NO.

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-TRASH,DEBRIS,PPE,PAILS  
PO #: 120223  
Manifest: 002720056 GBF

SIGNATURE \_\_\_\_\_



Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Order #: 120223  
Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 2		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720058 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>					Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>				
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>					Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>		
7. Transporter 2 Company Name							U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Pasadena, TX 77515</b>					U.S. EPA ID Number <b>State ID#: H1539</b>				
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
<input type="checkbox"/>	1. Non-regulated (trash, debris)				DT		EST 18	T	CESQ3191 Non-RCRA
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information 01: Solid waste (PF: SBL-15-142) <b>EMERGENCY RESPONSE PHONE: 214-635-1500 ON CALL SUPERVISOR</b> I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations.									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. <b>Signature: Scott Outwater</b> <b>Signature: Matt Outwater</b> <b>U.S. Oil Recovery Site PRP Group</b>									
16. International Shipments Generator's/Offor's Printed/Typed Name: <b>Scott Outwater</b> Signature: <b>Scott Outwater</b> Month: <b>12</b> Day: <b>23</b> Year: <b>15</b> <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: <b>Site PRP Group</b> Date leaving U.S.:									
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>Carlos Ramos</b> Signature: <b>Carlos Ramos</b> Month: <b>12</b> Day: <b>23</b> Year: <b>15</b> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____									
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ 18b. Alternate Facility (or Generator) U.S. EPA ID Number: _____ Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>01: H132</b> 2. _____ 3. _____ 4. _____									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: <b>Bethy Rammer</b> Signature: <b>Bethy Rammer</b> Month: <b>12</b> Day: <b>23</b> Year: <b>15</b>									

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID	WEIGHMASTER		
01	00346324	LOOSE	BETTY R		
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/23/15	02/23/15	09:21	09:54	VELEZ-10	15-142
REFERENCE		ORIGIN			
15-142					

Scale 1 Gross Wt.	50420	LB
Scale 3 Tare Wt.	32640	LB
Net Weight	17780	LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
8.89		TONS C1-NON-IND-SOLIDS-TN				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-TRASH,DEBRIS,PPE,PAISL  
PO #: 120223  
Manifest: 002720058 GBF

SIGNATURE

**NET AMOUNT**

TENDERED

CHANGE

CHECK NO.



Projects #: 0-0

Please print or type. (Form designed for use on Elite (12-pitch) typewriter)

Order #: 120223

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of <b>2</b>		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720057 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>					Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>				
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>					Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>		
7. Transporter 2 Company Name							U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Austin, TX 77515</b>					U.S. EPA ID Number <b>State ID#: H1539</b> <b>979-864-4442</b>				
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1.		Non-regulated (trash, debris)			DT		EST 18	T	CESQ3191 Non-RCRA
2.									
3.									
4.									
14. Special Handling Instructions and Additional Information 01: Solid waste (PF-SRI-15-142) <div style="text-align: right;">EMERGENCY RESPONSE PHONE: 214-635-1500 ON CALL SUPERVISOR</div>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. <div style="text-align: right;">Signatory Agent on Behalf of U.S. Oil Recovery</div>									
Generator's/Officer's Printed/Typed Name <b>Scott Outwater</b>					Signature <b>Scott Outwater</b> Site PRP group 12/24/15				
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>Jose Morales Luna</b>					Signature <b>Jose Morales Luna</b> 12/24/15				
Transporter 2 Printed/Typed Name					Signature				
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number: _____ U.S. EPA ID Number									
18b. Alternate Facility (or Generator)									
Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. 01: H132		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Veronica Saenz</b>					Signature <b>Veronica Saenz</b> 12/24/15				



SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346687	LOOSE		Veronica S	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/24/15	02/24/15	13:01	13:56	PENITAS131	15-142
REFERENCE			ORIGIN		
15-142					

Scale 2 Gross Wt. 42540 LB  
Scale 3 Tare Wt. 34620 LB  
Net Weight 7920 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
3.96	TONS	C1-NON-IND-SOLIDS-TN				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-TRASH,DEBRIS,PPE,PAIS  
PO #: ORDER 120223  
Manifest: 002720057 GBF

SIGNATURE Jose Morales Luna

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Projects #: 0-0

Please print or type. (Form designed for use on ellipse (12-inch) typewriter.)

Order #: 120400

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720153 GBF</b>		
5. Generator's Name and Mailing Address US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 512-671-3434 ATTN: Scott Outwater						Generator's Site Address (if different than mailing address) 400 N. Richey St., Pasadena, TX 77506				
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>						Ph#: 281-704-6814 State ID#: 88174		U.S. EPA ID Number <b>TXR000077981</b>		
7. Transporter 2 Company Name <b>REGG8</b>								U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> 10310 FM 523 P.O. Box 567 Angeles, TX 77515 Facility's Phone: 879-864-4442						U.S. EPA ID Number <b>State ID#: H1539</b>				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))					10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
<input type="checkbox"/>	1. Non-regulated (trash, debris)					DT		EST 18	T	CESQ3191 Non-RCRA
	2.									
	3.									
	4.									
14. Special Handling Instructions and Additional Information 01: Solid waste (PF-SRI-15-142)										
EMERGENCY RESPONSE PHONE: 214-635-1500 ON CALL SUPERVISOR										
I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name <b>X Scott Outwater</b>						Signature <b>X Scott Outwater</b> PRP Group 12/24/15				
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name <b>Reggie Esquivel</b>						Signature <b>Reggie Esquivel</b>		Month Day Year <b>12/24/15</b>		
Transporter 2 Printed/Typed Name						Signature		Month Day Year		
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
Manifest Reference Number: U.S. EPA ID Number										
18b. Alternate Facility (or Generator)										
Facility's Phone:										
18c. Signature of Alternate Facility (or Generator)								Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. 01: H132		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a										
Printed/Typed Name <b>L.A. Prescott</b>						Signature <b>L.A. Prescott</b>		Month Day Year <b>12/24/15</b>		



019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346646	LOOSE		Lynn P	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/24/15	02/24/15	11:31	11:31	RE-668	15-142
REFERENCE		ORIGIN			
15-142					

Manual Gross Wt.	73960	LB
Scale 3 Tare Wt.	34540	LB
Net Weight	39420	LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
19.71	TONS	C1-NON-IND-SOLIDS-TN				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-TRASH,DEBRIS,PPE,PAISL  
PO #: 120400  
Manifest: 002720153 GBF

SIGNATURE \_\_\_\_\_

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of	3. Emergency Response Phone <b>See Section 14</b>	4. Waste Tracking Number <b>NHM-120410-01</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 512-671-3434 ATTN: Scott Outwater</b>			Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>			
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>			Ph#: 281-704-6814 State ID#: 88174		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name					U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Houston, TX 77515</b>			State ID#: H1539		U.S. EPA ID Number	
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
<input type="checkbox"/>	1. Non-regulated material (soil)		DT		EST 18	T
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information 01: Soil in roll off boxes (PF: SBL-15-135)  * EMERGENCY RESPONSE PHONE: 214-635-1500 * * ON CALL SUPERVISOR *  I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.  Signatory Agent on Behalf of U.S. Oil Recovery Site PRP Group						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Officer's Printed/Typed Name <b>X Scott Outwater</b>			Signature <b>X Scott Outwater</b>		Month Day Year <b>12 24 15</b>	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Honorio H Rodriguez</b>			Signature <b>Honorio H Rodriguez</b>		Month Day Year <b>12 24 15</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator) Month Day Year						
01: H132						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name <b>Veronica Saenz</b>			Signature <b>Veronica Saenz</b>		Month Day Year <b>12 24 15</b>	

Rene Peña



NHM-120410-01 N° 19340

WASTE CONNECTIONS OF TEXAS

DATE 2/24/15 ACCT # \_\_\_\_\_ MANIFEST # \_\_\_\_\_ P.O. # 120410 CHECK # \_\_\_\_\_  
CUSTOMER NAME: US Oil Recovery PRP HAULER: SAME OTHER Pena

PLEASE CIRCLE ONE OF THE FOLLOWING

MSW SP/WASTE C&D STUMPS CONCRETE TIRES OTHER 15-135  
CASH CHARGE PREPAID OPEN CHK CLOSED CHECK  
VEHICLE TYPE: RO FEL REL SL PB PU FB ED OTHER 18 Yd

GROSS WT: 64440 TDL # \_\_\_\_\_ TRUCK # Pena-106  
TARE WT: 33620 TIME: 9:06/9:37 AM PM DRIVER SIGNATURE X Haru H Mr  
NET WT: 30820 RATE: \_\_\_\_\_ TON/YD AMOUNT \$ \_\_\_\_\_



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Order #: 120410

E<sup>2</sup> EFFECTIVE ENVIRONMENTAL

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of	3. Emergency Response Phone <b>See Section 14</b>	4. Waste Tracking Number <b>NHM-120410-02</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 512-671-3434 ATTN: Scott Outwater</b>			Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>			
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>			Phone: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 587 Houston, TX 77515</b>			U.S. EPA ID Number <b>State ID#: H1539</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	<input type="checkbox"/>	1. <b>Non-regulated material (soil)</b>	DT		<b>EST 18</b>	T
		2.				
		3.				
		4.				
13. Special Handling Instructions and Additional Information <b>01: Soil in roll off boxes (PF:SBL-15-135)</b> <b>* EMERGENCY RESPONSE PHONE: 214-635-1500 *</b> <b>* ON CALL SUPERVISOR *</b> <i>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</i> <b>Signature Agent on Behalf of U.S. Oil Recovery Site PRP Group</b>						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste. Generator's/Officer's Printed/Typed Name: <b>Scott Outwater</b> Signature: <b>Scott Outwater</b> Month: <b>2</b> Day: <b>24</b> Year: <b>15</b>						
INT'L	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>Lucio Garcia</b> Signature: <b>Lucio Garcia</b> Month: <b>2</b> Day: <b>24</b> Year: <b>15</b> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____					
	17. Discrepancy 17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ 17b. Alternate Facility (or Generator) U.S. EPA ID Number: _____ Facility's Phone: _____ 17c. Signature of Alternate Facility (or Generator) Month: _____ Day: _____ Year: _____ <b>01: H132</b>					
DESIGNATED FACILITY	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a Printed/Typed Name: <b>ADruscott</b> Signature: <b>ADruscott</b> Month: <b>2</b> Day: <b>24</b> Year: <b>15</b>					

Penitas



Nº 19342

WASTE CONNECTIONS OF TEXAS

DATE

2/24/15

ACCT #

MANIFEST #

NHM-120410-02

P.O. #

CHECK #

CUSTOMER NAME:

W30R

HAULER: SAME OTHER

PLEASE CIRCLE ONE OF THE FOLLOWING

MSW

SP/WASTE

C&D

STUMPS

CONCRETE

TIRES

OTHER

C-2

CASH

CHARGE

PREPAID

OPEN CHK

CLOSED CHECK

15-135

VEHICLE TYPE:

RO

FEL

REL

SL

PB

PU

FB

ED

OTHER

GROSS WT:

67000

TDL #

TRUCK #

220 Penitas 132

TARE WT:

34100

TIME:

11:45 AM

DRIVER SIGNATURE

L. Garcia

NET WT:

32900

RATE:

12:09

TON/YD

AMOUNT \$

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
		<b>TXR000051540 / 52123</b>		<b>See Section 14</b>	<b>NHM-120410-03</b>
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)			
<b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> <b>ATTN: Scott Outwater</b>		<b>400 N. Richey St.,</b> <b>Pasadena, TX 77506</b>			
6. Transporter 1 Company Name		Ph#: <b>281-704-8814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address		U.S. EPA ID Number			
<b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 587</b> <b>Angleton, TX 77515</b> 878-884-4442		<b>State ID#: H1539</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
<input type="checkbox"/>	1. <b>Non-regulated material (soil)</b>		DT	18 EST	T
	2.				
	3.				
	4.				
13. Special Handling Instructions and Additional Information					
<b>01: Soil in roll off boxes (PF-SBL-15-135)</b> <b>02: Soil in roll off boxes (PF-SBL-15-135)</b> <b>* EMERGENCY RESPONSE PHONE: 214-635-1500 *</b> <b>* ON CALL SUPERVISOR *</b> <i>I hereby certify that the above described materials are non-hazardous wastes as defined by 49 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</i> <b>Signature Agent on Behalf of U.S. Oil Recovery Site PRP Group</b>					
14. <b>GENERATOR'S CERTIFICATION:</b> I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name		Signature		Month	Day Year
<b>Scott Outwater</b>		<b>Scott Outwater</b>		<b>2</b>	<b>24 15</b>
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name		Signature		Month	Day Year
<b>Rev R</b>		<b>Rev R</b>		<b>2</b>	<b>24 15</b>
Transporter 2 Printed/Typed Name		Signature		Month	Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number: _____					
17b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
<b>01: H132</b>					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name		Signature		Month	Day Year
<b>Veronica Saenz</b>		<b>Veronica Saenz</b>		<b>2</b>	<b>24 15</b>

Rena Arguello



NHM-120410-03 No 19341

WASTE CONNECTIONS OF TEXAS

DATE 2-24-15 ACCT # \_\_\_\_\_ MANIFEST # order# 120410 CHECK # \_\_\_\_\_  
CUSTOMER NAME: US Oil Recovery PRP HAULER: SAME OTHER ARGUELLO

PLEASE CIRCLE ONE OF THE FOLLOWING											
MSW	SP/WASTE	C&D	STUMPS	CONCRETE	TIRES	OTHER	<u>15-135</u>				
CASH		CHARGE	PREPAID	OPEN CHK	CLOSED CHECK						
VEHICLE TYPE:		RO	FEL	REL	SL	PB	PU	FB	ED	OTHER	<u>18 YD</u>

GROSS WT: 52440 TDL # \_\_\_\_\_ TRUCK # ARG-706  
TARE WT: 33700 TIME: 9:22/946 AM PM DRIVER SIGNATURE X Rana  
NET WT: 18,740 RATE: \_\_\_\_\_ TON/YD AMOUNT \$ \_\_\_\_\_

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)



Order #: 120334

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720115 GBF</b>					
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>							
Generator's Phone: <b>512-671-3434</b> <b>ATTN: Scott Outwater</b>													
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>						Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>					
7. Transporter 2 Company Name						U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Avalon TX 77515</b>						U.S. EPA ID Number <b>State ID#: H1539</b>							
Facility's Phone: <b>979-864-4442</b>													
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No.    Type		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
1		Non-regulated material (solidified sludge)				DT		EST 18		T		CESQ4091 Non-RCRA	
2													
3													
4													
14. Special Handling Instructions and Additional Information <b>01 Solidified sludge (PF: SBI-15-143)</b>													
EMERGENCY RESPONSE PHONE: 214-635-1500 ON CALL SUPERVISOR I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offor's Printed/Typed Name <b>XABY Marlow</b>													
Signature <b>XABY</b> <b>US Oil Recovery PRP Group</b> Month <b>2</b> Day <b>25</b> Year <b>15</b>													
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____    Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name <b>Reno Arsupilo</b>													
Signature <b>Reno Arsupilo</b> Month <b>7</b> Day <b>20</b> Year <b>15</b>													
Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____													
18. Discrepancy													
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection													
Manifest Reference Number: _____													
18b. Alternate Facility (or Generator)    U.S. EPA ID Number													
Facility's Phone: _____													
18c. Signature of Alternate Facility (or Generator)    Month _____ Day _____ Year _____													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1. <b>01: H132</b>				2. _____				3. _____				4. _____	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a													
Printed/Typed Name <b>R. Arsupilo</b>													
Signature <b>R. Arsupilo</b> Month <b>7</b> Day <b>25</b> Year <b>15</b>													



*Rene Arquello*

SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00346881	C1-INDUST		Lynn P	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/25/15	02/25/15	10:22	10:48	ARG-706	15-143
REFERENCE		ORIGIN			
15-143					

Scale 2 Gross Wt. 68620 LB  
Scale 3 Tare Wt. 34080 LB  
Net Weight 34540 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
17.27	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120334  
Manifest: 002720115 GBF

SIGNATURE \_\_\_\_\_

Projects #: 0-0

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

EFFECTIVE  
12/1/8959720  
8:19 AM

Order #: 120334

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002720120 GBF</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073 Generator's Phone: 512-671-3434 ATTN: Scott Outwater</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>			
6. Transporter 1 Company Name <b>Velez Trucking Inc.</b>		Ph#: <b>281-704-6814</b> State ID#: <b>88174</b>		U.S. EPA ID Number <b>TXR000077981</b>			
7. Transporter 2 Company Name <b>RE 668</b>				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Austin, TX 77515 Facility's Phone: 970 864 4442</b>				U.S. EPA ID Number <b>State ID#: H1539</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1. <input type="checkbox"/> <b>Non-regulated material (solidified sludge)</b>		DT	18	T	<b>CESQ4091 Non-RCRA</b>	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>01: Solidified sludge (PF-SB1-15-143)</b>							
<b>* EMERGENCY RESPONSE PHONE: 214-635-1500 *</b> <b>* ON CALL SUPERVISOR *</b> <small>I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.</small>							
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>X Scott Outwater</b>		Signature <b>X Scott Outwater</b>		Site PRP <b>U.S. Oil Recovery</b>		Month Day Year <b>12/26/15</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Refugio Esquivel</b>		Signature <b>Refugio Esquivel</b>		Month Day Year <b>12/26/15</b>			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>01: H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Veronica Saenz</b>		Signature <b>Veronica Saenz</b>		Month Day Year <b>12/27/15</b>			

SeaBreeze Environmental LF  
10310 FM-523  
Angleton, TX 77515

019130 EFFECTIVE ENVIRONMENTAL  
945 EAST PLEASANT RUN ROAD  
LANCASTER TX 75146

SITE	TICKET	GRID		WEIGHMASTER	
01	00347283	C1-INDUST		BETTY R	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/27/15	02/27/15	08:20	08:59	RE-668	15-143
REFERENCE			ORIGIN		
15-143					

Scale 2 Gross Wt. 59920 LB  
Scale 3 Tare Wt. 34960 LB  
Net Weight 24960 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
12.48	TONS	C1 SOLIDS-TON				

PHONE: (979)864-4442

Comment: US OIL RECOVERY PRP GROUP  
NOTES: C1-SOLIDIFIED SLUDGE  
PO #: 120334  
Manifest: 002720120 GBF

SIGNATURE \_\_\_\_\_

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

**APPENDIX J**  
**ROLL-OFF BOX WASH WATER MANIFESTS**

**Shipping Manifest  
Intergulf Corporation**

P.O. Box 1590 • La Porte, Texas 77572

71740

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:**

(\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: EJ Phone #: (713) 560-4338

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oil Water for Recycle

Emergency Contact (713) 560-4338

Quantity in Gallons: 46 1/2 4682 gal 78.5

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

X  
Signature: [Signature]

(Generators Representatives)

ENVIRON INTERNATIONAL CORP.  
SIGNATORY AGENT ON BEHALF OF  
US OIL RECOVERY DEP GROUP.

X  
Title: ENVIRONMENTAL CONSULTANT

Date: 10-17-13

**TRANSPORTER:**

Company Name: Intergulf Corporation

Phone #: (281) 474-4210 Truck #: 861 / Rental 1

EPA I.D. #: TXR000031286 State I.D. #: 39068

Drivers Name: DR Darrell Lawson DOT #: 0052000590

Signature: [Signature] Date: 10-17-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # 141383

Facility Operators Name: [Signature]

Signature: [Signature] Date: 10-17-13



**Shipping Manifest  
Intergulf Corporation**

71754

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:**

(\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77508

Emergency Contact: EJ Phone #: (713) 560-4338

Material Classification (per Material Characterization Form):  
or proper shipping name (per 49 CFR 172) Oil Water for Recycle

Emergency Contact (713) 560-4338

Quantity in Gallons: 46 1/2 = 4682 gal

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: [Signature]

Title: Environmental Consultant

Date: 10-17-13

ENVIRONMENTAL CONSULTANT  
SIGNATORY AGENT ON BEHALF OF  
U.S. OIL RECOVERY PRP GROUP

**TRANSPORTER:**

Company Name: Intergulf Corporation

Phone #: (281) 474-4210 Truck #: 861 / Rental 1

EPA I.D. #: TXR000031286 State I.D. #: 39068

Drivers Name: US Darrell Lawson DOT #: 005200059C

Signature: [Signature] Date: 10-17-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # 141382

Facility Operators Name: IZOLIA (LAPINA)

Signature: [Signature] Date: 10-17-13

**Shipping Manifest**  
**Intergulf Corporation**  
P.O. Box 1590 • La Porte, Texas 77572

71496

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: EJ Phone #: (713) 560-4338

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oil Water for Recycle

Emergency Contact (713) 560-4338

Quantity in Gallons: 5,000

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Title: ASSOCIATE

Date: 10/30/13

Signature: Jonathan P. Smith  
(Generators Representative)  
ENVIRON INTERNATIONAL CORPORATION  
SIGNATORY AGENT ON BEHALF OF THE U.S. OIL  
RECOVERY SITE PRP GROUP

**TRANSPORTER:**

Company Name: LATS

Phone #: 713-676-1880 Truck #: 20131114

EPA I.D. #: TXR000063909 State I.D. #: TCEQ 87699

Drivers Name: JOSELY FERNANDEZ DOT #: 1663368

Signature: [Signature] Date: 10-30-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # \_\_\_\_\_

Facility Operators Name: Jacob Longman

Signature: [Signature] Date: 10-30-13

**Shipping Manifest**  
**Intergulf Corporation**  
P.O. Box 1590 • La Porte, Texas 77572

71497

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: EJ Phone #: (713) 560-4338

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oil Water for Recycle

Emergency Contact (713) 560-4338

Quantity in Gallons: 5,000

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: Jonathan Perry  
(Generators Representatives)  
ENVIRON INTERNATIONAL CORPORATION  
SIGNATORY AGENT ON BEHALF OF THE U.S. OIL  
RECOVERY SITE PAF GROUP

Title: ASSOCIATE

Date: 10/30/13

**TRANSPORTER:**

Company Name: INTS ENVIRONMENTAL

Phone #: (713) 676-1880 Truck #: 2613 1 114

EPA ID #: TXR000063909 State I.D. #: 27699

Drivers Name: JOSEPH HERNANDEZ DOT #: 1663368

Signature: [Signature] Date: 10-30-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # \_\_\_\_\_

Facility Operators Name: James Wilkerson

Signature: [Signature] Date: 10/30/13

**Shipping Manifest  
Intergulf Corporation**

78171

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:**

(\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: Jonathan Pennington Phone #: (713) 858-7309

Material Classification (per Material Characterization Form): Oil Water for Recycle

or proper shipping name (per 49 CFR 172) Oil Water for Recycle

Emergency Contact (713) 858-7309

Quantity in Gallons: 5,019

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: Jonathan Pennington  
ENVIRON INT'L. (Generators Representatives)  
CORP.  
SIGNATORY AGENT ON BEHALF OF THE U.S. OIL  
RECOVERY SITE PRP GROUP

Title: ASSOCIATE  
Date: 11/07/13

**TRANSPORTER:**

Company Name: Intergulf Corporation

Phone #: (281) 474-4210 Truck #: -818 / 158

EPA ID. #: TXR000031286 State ID. #: 39068

Drivers Name: Bene Gonzalez DOT #: 0052000590

Signature: Bene Gonzalez Date: 11-7-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # 142954

Facility Operators Name: ROBERT (UAPMA)

Signature: [Signature] Date: 11-7-13

**Shipping Manifest  
Intergulf Corporation**

78172

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 9 US OIL RECOVERY Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: Jonathan Pennington Phone #: (713) 858-7300

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oil Water for Recycle

Emergency Contact (713) 858-7300

Quantity in Gallons: 5,129

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: [Signature]  
(Generators Representatives)

Title: ASSOCIATE

Date: 11/07/13

EDINSON OIL RECOVERY  
SIGNATORY AGENT FOR EDINSON OIL RECOVERY  
RECOVERY OIL RECOVERY GROUP

**TRANSPORTER:**

Company Name: Intergulf Corporation

Phone #: (281) 474-4210 Truck #: 218 / 156

EPA ID #: TXR000031286 State ID #: 39068

Drivers Name: Rene Gonzalez DOT #: 0052080382

Signature: [Signature] Date: 11-7-13

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 – Used Oil or

TCEQ # 39068 – Solid Waste

Intergulf Corporation Job # 142855

Facility Operators Name: [Signature]

Signature: [Signature] Date: 11-7-13



**Shipping Manifest  
Intergulf Corporation**

**79095**

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:** (\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: Andrew Bower Phone #: (210) 317-2298

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oil Water for Recycle

Emergency Contact (210) 317-2298

Quantity in Gallons: 5183

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: [Signature] Title: CONSULTANT  
(Generators Representatives) Date: 1/2/13

EMERSON INTERNATIONAL CORP  
SIGNATURE MADE ON BEHALF OF  
US OIL RECOVERY PRD GROUP

**TRANSPORTER:**

Company Name: Intergulf Corporation

Phone #: (281) 474-4210 Truck #: 808 1 144

EPA I.D. #: TXR000031286 State I.D. #: 39068

Drivers Name: Mario Zavala DOT #: 0052097560

Signature: [Signature] Date: 1-2-14

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.  
Pasadena, TX 77507  
(281) 474-4210

EPA ID # TXR000031286  
TCEQ # A85860 – Used Oil or  
TCEQ # 39068 – Solid Waste

Intergulf Corporation Job # 146152

Facility Operators Name: [Signature]

Signature: [Signature] Date: 1-2-14

129831  
129849

**Shipping Manifest  
Intergulf Corporation**

79103

P.O. Box 1590 • La Porte, Texas 77572

Telephone: (281) 474-4210

Fax: (281) 474-4226

**GENERATOR:**

(\*All Generator Information Must Be Complete)

Facility Name: US EPA REGION 6 US OIL RECOVERY. Profile # (required) 05171

Facility Address: 400 N RICHEY, PASADENA, TX 77506

Emergency Contact: Andrew Bower Phone #: (210) 317-2298

Material Classification (per Material Characterization Form): \_\_\_\_\_

or proper shipping name (per 49 CFR 172) Oil Water for Recycle

Emergency Contact (210) 317-2298

Quantity in Gallons: 49' 4,900 gallons

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: [Signature]

(Generators Representatives)

Title: CONSULTANT

Date: 1/2/13

ENVIRON INTERNATIONAL CORP  
SIGNATORY AGENT ON BEHALF OF  
US OIL RECOVERY PER GROUP

**TRANSPORTER:**

Company Name: Intergulf Corporation

Phone #: (281) 474-4210 Truck #: 834 / 151

EPA I.D. #: TXR000031286 State I.D. #: 39068

Drivers Name: Robbie Wallace DOT #: 0052090580

Signature: [Signature]

Date: 1/2/14

**RECEIVING FACILITY:**

Name: Intergulf Corporation

Address: 10020 Bayport Blvd.

Pasadena, TX 77507

(281) 474-4210

EPA ID # TXR000031286

TCEQ # A85860 - Used Oil or

TCEQ # 39068 - Solid Waste

Intergulf Corporation Job # 146151

Facility Operators Name: Trudy Maggard

Signature: [Signature] Date: 1.2.14

Projects #: 8155-4

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Wet 74940  
E  
EFFECTIVE ENVIRONMENTAL

EE 2330

Order #: 122339

4:50

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1	3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002720689 GBF</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> Attn: <b>Scott Outwater</b>					Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>				
6. Transporter 1 Company Name <b>Effective Environmental, Inc.</b>					Ph#: <b>713-672-6100</b> State ID#: <b>TX-87158/AR-H-1361</b>		U.S. EPA ID Number <b>TXD980811046</b>		
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill</b> <b>10310 FM 523</b> <b>P.O. Box 567</b> <b>Angleton, TX 77515</b> Facility's Phone: <b>979-864-4442</b>					U.S. EPA ID Number <b>State ID#: H1539</b>				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
<input type="checkbox"/>	1. <b>Non-regulated material (wash water)</b>				001 TT		EST. 5,000	G	CESQ1011 Non-RCRA
<input type="checkbox"/>	2.								
<input type="checkbox"/>	3.								
<input type="checkbox"/>	4.								
14. Special Handling Instructions and Additional Information 01 Wash water from rollofs (PF-SBI-15-239) <b>2330 / TS</b> <b>EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>ON CALL SUPERVISOR</b> I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR 261 or applicable state law. Further, the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.									
15. <b>GENERATOR'S/OFFEROR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>X Scott Outwater</b>					Signature <b>X Scott Outwater</b> <b>Oil Recovery Site PRP Group</b> Month Day Year <b>4/7/15</b>				
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>Jeff Harris</b>					Signature <b>Jeff Harris</b>		Month Day Year <b>4/7/15</b>		
Transporter 2 Printed/Typed Name					Signature		Month Day Year		
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number:									
18b. Alternate Facility (or Generator) U.S. EPA ID Number									
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. 01: H132		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name <b>Scott</b>					Signature <b>Scott</b>		Month Day Year <b>4/7/15</b>		

Projects #: 8155-4

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Order #: 122340

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of 1	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002720711 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc. 500 Century Plaza Drive, Suite 190 Houston TX 77073</b>			Generator's Site Address (if different than mailing address) <b>400 N Richey St. Pasadena TX 77506</b>			
6. Transporter 1 Company Name <b>Effective Environmental, Inc.</b>			Ph#: <b>713-672-6100</b> State ID#: <b>TX-87158/AR-H-1361</b>		U.S. EPA ID Number <b>TXD980811046</b>	
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Arlington TX 77515</b>			U.S. EPA ID Number <b>State ID#: H1539</b> <b>979-864-4442</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. <b>Non-regulated material (wash water)</b>	001 TT		5,000	G	QESQ1011 Non-RCRA
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 01: Wash water from rollovers (PF-SRI-15-239) <b>2330/TS</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name: <b>Scott Outwater</b> Signature: <b>Scott Outwater</b> Month: <b>14</b> Day: <b>18</b> Year: <b>15</b> on Behalf of <b>US Oil Recovery Site PRP Group</b>						
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>Jeff Hansen</b> Signature: <b>Jeff Hansen</b> Month: <b>4</b> Day: <b>18</b> Year: <b>15</b> Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: U.S. EPA ID Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number: Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>01: H132</b> 2. 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: <b>Kimberly</b> Signature: <b>Kimberly</b> Month: <b>4</b> Day: <b>18</b> Year: <b>15</b>						

## **APPENDIX K**

### **FRAC TANK SOLIDS AND WASH WATER REMOVAL MANIFESTS**



Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002340848 GBF</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston TX 77073</b> Generator's Phone: <b>512-671-3434</b> A/TN: <b>Scott Outwater</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St. Pasadena, TX 77506</b>					
6. Transporter 1 Company Name <b>Effective Environmental Inc.</b>						FPH#: <b>713-672-6100</b> State ID#: <b>TX-87158/AR-H-1361</b>		U.S. EPA ID Number <b>TXR000051508</b>			
7. Transporter 2 Company Name								U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Systech Environmental Corporation 1420 S. Cement Road Fredonia, KS 66736</b> Facility's Phone: <b>800-778-7224</b>						State ID#: <b>D0020</b>		U.S. EPA ID Number <b>KSD980633259</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	<input checked="" type="checkbox"/>	1. <b>RQ, NA3082, Hazardous waste, liquid, n.o.s. (D018, Sludge with trace Benzene), 9, PG III, ERG 171</b>				<b>01 CM</b>		<b>Est. 5</b>	<b>1</b>	<b>CHSQ603H D018</b>	
		2.									
		3.									
		4.									
14. Special Handling Instructions and Additional Information <b>01 Free tank sludge (PG III, ERG 171)</b> <b>2330/01 Box# 122084</b> * EMERGENCY RESPONSE PHONE: 214-635-1600 * * ON CALL SUPERVISOR *											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offoror's Printed/Typed Name: <b>Scott Outwater</b> Signature: <b>Scott Outwater</b> Agent on Behalf of <b>Golder Associates, Inc.</b> U.S. Oil Recovery Site PRP Group Month: <b>4</b> Day: <b>12</b> Year: <b>14</b>											
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>Jeff Hansen</b> Signature: _____ Month: <b>4</b> Day: <b>12</b> Year: <b>14</b> Transporter 2 Printed/Typed Name: <b>B. WOODALL</b> Signature: _____ Month: <b>4</b> Day: <b>14</b> Year: <b>14</b>										
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number _____										
	Facility's Phone: _____										
	18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____										
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>01: H061</b> 2. _____ 3. _____ 4. _____										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: <b>Dee Walters</b> Signature: <b>Dee Walters</b> Month: <b>4</b> Day: <b>15</b> Year: <b>14</b>											

Receiving Ticket No. 218223

\* Bulk Solids \*

US Oil Recovery PRP Group  
Scott Sales  
400 North Richey St.  
Pasadena, TX 77506

Bill To: Name : EFFECTIVE ENVIRONMENTAL  
Attn : Jackie McQueen  
Street: 2515 S Beltline Rd  
Mesquite , TX 75181  
Cty/St:  
Phone : (972) 329-1200

(409) 351-4785

EPA Id: TXR000051540

Transporter:

Name : Effective Environmental  
Street: 2515 S. Beltline Rd.  
Cty/St: Mesquite , TX 75181  
Phone : (713) 870-1300  
EPA Id: TXR000051508

Material Type : Bulk - Bulk Solids  
Waste Type : HAZ  
Date Received : 04/15/2014  
Schedl Time In:  
Actual Time In:  
Date Check Out: 04/17/2014  
Time Check Out:  
Loading Time : 0 Hrs 0 Min  
Haulr Pmp Time: 0 Hrs 0 Min  
Unloading Time: 0 Hrs 0 Min  
122084  
Waste Code Count: 1

Manifest Number: 002340848GBF

State Manf No. :

Profile No: CG1411887

Stand Prof:

P.O. Number :

Release Number :

Federal EPA Waste Codes:

D018

Lab Analysis:	Btus/Lb:	3000	Mercury:	18.5	Unloading/Processing Information:
Sample #: 63761	Halogen:	%	Spec Grav:	1.00 *	Recv. Gross: 54,980
Anal. Dt: 04/15/2014	Water:	%	* Grams per Milliliter		Recv. Tare: 35,960
Analyst: dts	Solids:	%			Recv. Net: 19,020
		ppm			Recv. Volume: 2,283
	Ph:	7			

Copy: 2

The analyses contained herein are performed solely for the purpose of qualifying the analyzed materials for acceptance by Systech in accordance with its permits and processing capability.

Systech Environmental Corporation  
1420 S. Cement Road  
Fredonia, KS  
6203784451

**CERTIFICATE OF DESTRUCTION**

This hereby certifies that waste as defined on Hazardous Waste Manifest 002340848GBF from US Oil Recovery PRP Group EPA ID: TXR000051540 was received by Systech Environmental Corporation, RCRA permit ID: KSD980633259

The waste material was received on : 04/15/2014

Total pounds processed by Systech:\* 19020

This waste is to be burned for energy recovery in a cement kiln in accordance with Federal (40 CFR 260 thru 270) and corresponding state hazardous waste regulations.

Treatment code for material processed: H061

Management commenced on or about the following date: 04/20/2014



---

John Mrkwa, Carlotta Myers  
Customer Service Rep.

Systech - Fredonia  
1420 S. Cement Road  
Fredonia, KS 66736  
6203784451

Date 05/13/2014

*US Oil Recovery PRP Group*  
*Scott Sales*  
*500 Century Plaza Drive*  
*Suite 190*  
*Houston, TX 77073*

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Manifest Reference No: 002340848GBF

State Manifest No. :

Receiving Ticket No. : 218223



Projects #: 0-0

Order #: 105784

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID/Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002340849 GBF</b>			
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 190</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-871-3434</b> A/CN: <b>Scott Outwater</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St.</b> <b>Pasadena, TX 77506</b>					
6. Transporter 1 Company Name <b>Effective Environmental, Inc.</b>						P/N: <b>972-329-1200</b> State ID#: <b>TX-87158/AR-H-1361</b>		U.S. EPA ID Number <b>TXR000051508</b>			
7. Transporter 2 Company Name						U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>Systech Environmental Corporation</b> <b>1420 S. Cement Road</b> <b>Fredonia, KS 66736</b> Facility's Phone: <b>800-778-7224</b>						State ID#: <b>D0020</b>		U.S. EPA ID Number <b>KSD980633259</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. <b>RQ, NA3082, Hazardous waste, liquid, n.o.s. (D018, Sludge with trace Benzene), 9, PG III, ERG 171</b>				No.	Type				
						01	CM	Est 5	1	<b>CHSQ603H</b> <b>D018</b>	
		2.									
		3.									
	4.										
14. Special Handling Instructions and Additional Information <b>01. Frac tank sludge (PF: C01411887)</b> <b>2330/01 Box# VB 25306</b> <b>EMERGENCY RESPONSE PHONE: 214-635-1500</b> <b>ON CALL SUPERVISOR</b>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offor's Printed/Typed Name: <b>Scott Outwater Golder Associates, Inc.</b> Signature: <b>Scott Outwater</b> Month: <b>4</b> Day: <b>12</b> Year: <b>14</b> <b>Signature Agent on Behalf of U.S. Oil Recovery Site PRP Group</b>											
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: <b>PRP Group</b> Transporter signature (for exports only): _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>Jeff Hansen</b> Signature: <b>Jeff Hansen</b> Month: <b>4</b> Day: <b>12</b> Year: <b>14</b> Transporter 2 Printed/Typed Name: <b>B. WOODALL</b> Signature: <b>B. Woodall</b> Month: <b>4</b> Day: <b>16</b> Year: <b>14</b>										
TRANSPORTER	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____										
	Facility's Phone: _____										
	18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____										
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>01: H061</b> 2. _____ 3. _____ 4. _____										
DESIGNATED FACILITY	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: <b>Don Walters</b> Signature: <b>Don Walters</b> Month: <b>4</b> Day: <b>17</b> Year: <b>14</b>										





**Systech  
Environmental  
Corporation**

1420 South Cement Road  
Fredonia, KS 66736  
Phone (800) 778-7224 Fax (620) 378-4505

Date 04/29/2014

Receiving Ticket No. 218343

\* Bulk Solids \*

US Oil Recovery PRP Group  
Scott Sales  
400 North Richey St.  
Pasadena, TX 77506

(409) 351-4785

EPA Id: TXR000051540

**Transporter:**

Name : Effective Environmental  
Street: 2515 S. Beltline Rd.  
Cty/St: Mesquite , TX 75181  
Phone : (713) 870-1300  
EPA Id: TXR000051508

Manifest Number: 002340849GBF

State Manf No. :

Profile No: CG1411887

Stand Prof:

P.O. Number :

Release Number :

Federal EPA Waste Codes:

D018

Lab Analysis: Btus/Lb: 4100  
Sample #: 63813 Halogen: %  
Anal. Dt: 04/17/2014 Water: %  
Analyst: ks Solids: %

ppm

Ph: 7

Bill To: Name : EFFECTIVE ENVIRONMENTAL  
Attn : Jackie McQueen  
Street: 2515 S Beltline Rd  
Mesquite , TX 75181  
Cty/St:  
Phone : (972) 329-1200

Material Type : Bulk - Bulk Solids

Waste Type : HAZ

Date Received : 04/17/2014

Schedl Time In:

Actual Time In:

Date Check Out: 04/29/2014

Time Check Out:

Loading Time : 0 Hrs 0 Min

Haulr Pmp Time: 0 Hrs 0 Min

Unloading Time: 0 Hrs 0 Min

25306

Waste Code Count: 1

**Unloading/Processing Information:**

Recv. Gross: 62,880  
Recv. Tare: 36,060  
Recv. Net: 26,820  
Recv. Volume: 3,220

Copy: 2

The analyses contained herein are performed solely for the purpose of qualifying the analyzed materials for acceptance by Systech in accordance with its permits and processing capability.

Systech Environmental Corporation  
1420 S. Cement Road  
Fredonia, KS  
6203784451

**CERTIFICATE OF DESTRUCTION**

This hereby certifies that waste as defined on Hazardous Waste Manifest 002340849GBF from US Oil Recovery PRP Group EPA ID: TXR000051540 was received by Systech Environmental Corporation, RCRA permit ID: KSD980633259

The waste material was received on : 04/17/2014

Total pounds processed by Systech:\* 26820

This waste is to be burned for energy recovery in a cement kiln in accordance with Federal (40 CFR 260 thru 270) and corresponding state hazardous waste regulations.

Treatment code for material processed: H061

Management commenced on or about the following date: 05/02/2014



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John Mrkwa, Carlotta Myers  
Customer Service Rep.

Projects #: 0-0

Order #: 106056

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of 1	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002341683 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>			Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>			
Generator's Phone: <b>512-671-3434</b> ATTN: Scott Outwater						
6. Transporter 1 Company Name <b>Effective Environmental, Inc.</b>			PH#: <b>972-329-1200</b> State ID#: <b>TX-87158/AR-H-1381</b>		U.S. EPA ID Number <b>TXR000051508</b>	
7. Transporter 2 Company Name			U.S. EPA ID Number			
18. Designated Facility Name and Site Address <b>Systech Environmental Corporation 1420 S. Cement Road Fredonia, KS 66738</b>			U.S. EPA ID Number <b>KSD980633259</b> State ID#: <b>D0020</b>			
Facility's Phone: <b>800-778-7224</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
<input checked="" type="checkbox"/>	<b>RQ, NA3082, Hazardous waste, liquid, n.o.s. (D018, Sludge with trace Benzene), 9, PG III, ERG 171</b>	<b>001 CM</b>	<b>EST 5</b>	<b>T</b>	<b>CESQ603H D018</b>	
14. Special Handling Instructions and Additional Information <b>01: Frac tank sludge (PF:CG1411887)</b> <i>ju</i> <b>EMERGENCY RESPONSE PHONE: 214-636-1500</b> <b>ON CALL SUPERVISOR</b> <b>Box # 25255 VAC</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>Brian Tuccillo (Golder associates inc, Signature)</b>				Month <b>04</b>	Day <b>29</b>	
Signature <i>Brian Tuccillo</i>				Year <b>14</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. Recovery site PRP <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>B. Woods</b>				Month <b>04</b>	Day <b>29</b>	
Signature <i>B. Woods</i>				Year <b>14</b>		
Transporter 2 Printed/Typed Name				Month	Day	
				Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H061</b>		2.		3.		
				4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Dae Walters</b>				Month <b>14</b>	Day <b>30</b>	
Signature <i>Dae Walters</i>				Year <b>14</b>		

Receiving Ticket No. 218914

\* Bulk Solids \*

US Oil Recovery PRP Group  
Scott Sales  
400 North Richey St.  
Pasadena, TX 77506

Bill To: Name : EFFECTIVE ENVIRONMENTAL  
Attn : Jackie McQueen  
Street: 2515 S Beltline Rd  
Mesquite , TX 75181  
Cty/St:  
Phone : (972)329-1200

(409)351-4785

EPA Id: TXR000051540

Transporter:

Name : Effective Environmental  
Street: 2515 S. Beltline Rd.  
Cty/St: Mesquite , TX 75181  
Phone : (713)870-1300  
EPA Id: TXR000051508

Material Type : Bulk Solids

Waste Type : HAZ

Date Received : 04/30/2014

Schedl Time In:

Actual Time In:

Date Check Out: 05/09/2014

Time Check Out:

Loading Time : 0 Hrs 0 Min

Haulr Pmp Time: 0 Hrs 0 Min

Unloading Time: 0 Hrs 0 Min

25255

Waste Code Count: 1

Manifest Number: 002341683GBF

State Manf No. :

Profile No: CG1411887

Stand Prof:

P.O. Number :

Release Number :

Federal EPA Waste Codes:

D018

Lab Analysis:	Btus/Lb:	5700	Mercury:	4.9	Unloading/Processing Information:
Sample #: 63914	Halogen:	%	Spec Grav:	1.00 *	Recv. Gross: 65,100
Anal. Dt: 04/30/2014	Water:	%	* Grams per Milliliter		Recv. Tare: 34,440
Analyst: ks	Solids:	%			Recv. Net: 30,660
		ppm			Recv. Volume: 3,681
	Ph:	8			

Copy: 2

The analyses contained herein are performed solely for the purpose of qualifying the analyzed materials for acceptance by Systech in accordance with its permits and processing capability.

Systech Environmental Corporation  
1420 S. Cement Road  
Fredonia, KS  
6203784451

**CERTIFICATE OF DESTRUCTION**

This hereby certifies that waste as defined on Hazardous Waste Manifest 002341683GBF from US Oil Recovery PRP Group EPA ID: TXR000051540 was received by Systech Environmental Corporation, RCRA permit ID: KSD980633259

The waste material was received on : 04/30/2014

Total pounds processed by Systech:\* 30660

This waste is to be burned for energy recovery in a cement kiln in accordance with Federal (40 CFR 260 thru 270) and corresponding state hazardous waste regulations.

Treatment code for material processed: H061

Management commenced on or about the following date: 05/12/2014



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John Mrkwa, Carlotta Myers  
Customer Service Rep.



Projects: 0-0: 1219079



Trailer 659 Box 634

Order #: 106055

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002341041 GBF</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>				Generator's Site Address (if different than mailing address) <b>400 N Richey St., Pasadena, TX 77506</b>			
Generator's Phone: <b>512-671-3434</b> ATTN: Scott Outwater				6. Transporter 1 Company Name <b>Action Resources, Inc.</b>		U.S. EPA ID Number <b>ALR000007237</b>	
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Systech Environmental Corporation 1420 S. Cement Road Fredonia, KS 66736</b>				State ID#: <b>D6020</b>		U.S. EPA ID Number <b>KSD980633259</b>	
Facility's Phone: <b>800-778-7224</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	<input checked="" type="checkbox"/>	<b>1. RQ, NA3082, Hazardous waste, liquid, n.o.s. (D018, Sludge with trace Benzene), 9, PG III, ERG 171</b>	<b>001</b>	<b>CM</b>	<b>Est. 3,195 gal</b>	<b>gal</b>	<b>CSQ603H D018</b>
	2.						
	3.						
4.							
14. Special Handling Instructions and Additional Information <b>01: Frac tank sludge (PF:CG1411887)</b>				* EMERGENCY RESPONSE PHONE: 214-635-1500 * * ON CALL SUPERVISOR *			
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name <b>Brian Tuccillo, Golder Associates Inc. signatory agent on behalf of us</b>				Signature <i>[Signature]</i>		Month Day Year <b>5 1 14</b>	
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.			Port of entry/exit: Date leaving U.S.:			
	Transporter signature (for exports only): <i>[Signature]</i>						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>PAVEI RODRIGUEZ</b>			Signature <i>[Signature]</i>		Month Day Year <b>5 1 14</b>	
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name			Signature		Month Day Year	
	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator)			U.S. EPA ID Number			
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>01. H061</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Scott Walters</b>				Signature <i>[Signature]</i>		Month Day Year <b>5 12 14</b>	

Receiving Ticket No. 219079

\* Bulk Solids \*

US Oil Recovery PRP Group  
Scott Sales  
400 North Richey St.  
Pasadena, TX 77506

Bill To: Name : EFFECTIVE ENVIRONMENTAL  
Attn : Jackie McQueen  
Street: 2515 S Beltline Rd  
Mesquite , TX 75181  
Cty/St:  
Phone : (972)329-1200

(409)351-4785

EPA Id: TXR000051540

Transporter:

Name : ACTION RESOURCES  
Street: 40 County Road 517  
Cty/St: Hanceville , AL 35077  
Phone : (800)228-8845  
EPA Id: ALR000007237

Material Type : Bulk Solids

Waste Type : HAZ

Date Received : 05/02/2014

Schedl Time In:

Actual Time In:

Date Check Out: 05/09/2014

Time Check Out:

Loading Time : 0 Hrs 0 Min

Haulr Pmp Time: 0 Hrs 0 Min

Unloading Time: 0 Hrs 0 Min

634

Waste Code Count: 1

Manifest Number: 002341041GBF

State Manf No. :

Profile No: CG1411887 Stand Prof:

P.O. Number :

Release Number :

Federal EPA Waste Codes:

D018

Lab Analysis:	Btus/Lb:	6100	Mercury:	4.4	Unloading/Processing Information:
Sample #: 63938	Halogen:	%	Spec Grav:	1.00 *	Recv. Gross: 62,820
Anal. Dt: 05/02/2014	Water:	%	* Grams per Milliliter		Recv. Tare: 36,240
Analyst: dts	Solids:	%			Recv. Net: 26,580
		ppm			Recv. Volume: 3,191
	Ph:	7			

Copy: 2

The analyses contained herein are performed solely for the purpose of qualifying the analyzed materials for acceptance by Systech in accordance with its permits and processing capability.

Systech Environmental Corporation  
1420 S. Cement Road  
Fredonia, KS  
6203784451

**CERTIFICATE OF DESTRUCTION**

This hereby certifies that waste as defined on Hazardous Waste Manifest 002341041GBF from US Oil Recovery PRP Group EPA ID: TXR000051540 was received by Systech Environmental Corporation, RCRA permit ID: KSD980633259

The waste material was received on : 05/02/2014

Total pounds processed by Systech:\* 26580

This waste is to be burned for energy recovery in a cement kiln in accordance with Federal (40 CFR 260 thru 270) and corresponding state hazardous waste regulations.

Treatment code for material processed: H061

Management commenced on or about the following date: 05/12/2014



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John Mrkwa, Carlotta Myers  
Customer Service Rep.

Projects # 0-0

**E**  
EFFECTIVE ENVIRONMENTAL

219058

Order #: 106053

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>See Section 14</b>	4. Manifest Tracking Number <b>002341685 GBF</b>		
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Seiler Associates, Inc., 500 Century Plaza Drive, Suite 180</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-871-3434</b> ATTN: <b>Scott Outwater</b>				Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77508</b>			
6. Transporter 1 Company Name <b>Effective Environmental, Inc.</b>				Pin#: <b>972-329-1200</b> State ID#: <b>TX-97158/AR-H-1381</b>		U.S. EPA ID Number <b>TXR000051508</b>	
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Systech Environmental Corporation</b> <b>1420 S. Cement Road</b> <b>Fredonia, KS 66736</b> Facility's Phone: <b>800-778-7224</b>				State ID#: <b>D0820</b>		U.S. EPA ID Number <b>KSD980633259</b>	
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	<input checked="" type="checkbox"/>	<b>1. RQ, NA3082, Hazardous waste, liquid, n.o.s. (D018, Sludge with trace Benzene), 9, PG III, ERG 171</b>	<b>001</b>	<b>CM</b>	<b>EST. 5</b>	<b>T</b>	<b>CESQ603H</b> <b>D018</b>
14. Special Handling Instructions and Additional Information <b>01: Frac tank sludge (PF:CG1411887) JW RST</b> <div style="text-align: right;"><b>* EMERGENCY RESPONSE PHONE: 214-635-1500 *</b> <b>* ON CALL SUPERVISOR *</b></div> <div style="text-align: center; font-size: 1.2em; margin-top: 10px;"><b>Box # 122084</b></div>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Brian Tuccillo, Golder</b> Signature <b>B. Tuccillo</b> Month <b>5</b> Day <b>1</b> Year <b>14</b> <b>Seiler Associates Inc. signatory agent on behalf of US oil recovery site PRP group</b>							
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	Transporter signature (for exports only): _____						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>B. WOODALL</b> Signature <b>B. Woodall</b> Month <b>5</b> Day <b>1</b> Year <b>14</b>			Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____			
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	18b. Alternate Facility (or Generator) _____ Manifest Reference Number: _____						U.S. EPA ID Number
	Facility's Phone: _____						
DESIGNATED FACILITY	18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. <b>01: H061</b>		2. _____		3. _____		4. _____
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Joe Walters</b> Signature <b>Joe Walters</b> Month <b>5</b> Day <b>2</b> Year <b>14</b>							

Receiving Ticket No. 219058

\* Bulk Solids \*

US Oil Recovery PRP Group  
Scott Sales  
400 North Richey St.  
Pasadena, TX 77506

(409)351-4785

EPA Id: TXR000051540

Transporter:

Name : Effective Environmental  
Street: 2515 S. Beltline Rd.  
Cty/St: Mesquite , TX 75181  
Phone : (713)870-1300  
EPA Id: TXR000051508

Manifest Number: 0023414685GBF

State Manf No. :

Profile No: CG1411887

Stand Prof:

P.O. Number :

Release Number :

Federal EPA Waste Codes:

D018

Lab Analysis: Btus/Lb: 4900  
Sample #: 63936 Halogen: %  
Anal. Dt: 05/02/2014 Water: %  
Analyst: ks Solids: %

ppm

Ph: 7

Bill To: Name : EFFECTIVE ENVIRONMENTAL  
Attn : Jackie McQueen  
Street: 2515 S Beltline Rd  
Mesquite , TX 75181  
Cty/St:  
Phone : (972)329-1200

Material Type : Bulk Solids

Waste Type : HAZ

Date Received : 05/02/2014

Schedl Time In:

Actual Time In:

Date Check Out: 05/09/2014

Time Check Out:

Loading Time : 0 Hrs 0 Min

Haulr Pmp Time: 0 Hrs 0 Min

Unloading Time: 0 Hrs 0 Min

122084

Waste Code Count: 1

Unloading/Processing Information:

Recv. Gross: 64,400

Recv. Tare: 36,120

Recv. Net: 28,280

Recv. Volume: 3,395

Copy: 2

The analyses contained herein are performed solely for the purpose of qualifying the analyzed materials for acceptance by Systech in accordance with its permits and processing capability.



Systech Environmental Corporation  
1420 S. Cement Road  
Fredonia, KS  
6203784451

**CERTIFICATE OF DESTRUCTION**

This hereby certifies that waste as defined on Hazardous Waste Manifest 0023414685GBF from US Oil Recovery PRP Group EPA ID: TXR000051540 was received by Systech Environmental Corporation, RCRA permit ID: KSD980633259

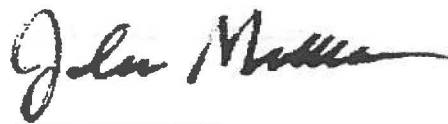
The waste material was received on : 05/02/2014

Total pounds processed by Systech:\* 28280

This waste is to be burned for energy recovery in a cement kiln in accordance with Federal (40 CFR 260 thru 270) and corresponding state hazardous waste regulations.

Treatment code for material processed: H061

Management commenced on or about the following date: 05/12/2014



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John Mrkwa, Carlotta Myers  
Customer Service Rep.

Projects # 0-0

219162

**E**  
EFFECTIVE  
ENVIRONMENTAL

Order #: 106051

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002394997 GBF</b>	
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group</b> <b>Golder Associates, Inc., 500 Century Plaza Drive, Suite 180</b> <b>Houston, TX 77073</b> Generator's Phone: <b>512-671-3434</b> ATTN: <b>Scott Outwater</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St.,</b> <b>Pasadena, TX 77508</b>			
6. Transporter 1 Company Name <b>Effective Environmental, Inc.</b>						P#: <b>972-328-1200</b> State ID#: <b>TX-87158/AR-H-1381</b>		U.S. EPA ID Number <b>TXR000051508</b>	
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Systech Environmental Corporation</b> <b>1420 S. Cement Road</b> <b>Fredonia, KS 66738</b> Facility's Phone: <b>800-778-7224</b>						State ID#: <b>D0020</b>		U.S. EPA ID Number <b>KSD980633259</b>	
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
			No.	Type					
	<input checked="" type="checkbox"/>	<b>1. RQ, NA3082, Hazardous waste, liquid, n.o.s. (D018, Sludge with trace Benzene), 9, PG III, ERG 171</b>	<b>001</b>	<b>CM</b>	<b>EST</b> <b>5</b>	<b>T</b>	<b>CESSQ603H</b> <b>D018</b>		
		<b>2.</b>							
		<b>3.</b>							
		<b>4.</b>							
14. Special Handling Instructions and Additional Information <b>01: Frac tank sludge (PF:CG1411887) for BO</b> <div style="text-align: right;"><b>* EMERGENCY RESPONSE PHONE: 214-635-1500 *</b> <b>* ON CALL SUPERVISOR *</b></div> <div style="text-align: center; font-size: 1.2em;"><b>Box VB-25306</b></div>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name <b>Brian Tucillo Golder</b> Signature <b>Brian Tucillo</b> Month <b>5</b> Day <b>5</b> Year <b>14</b> <b>X</b> <b>Associates inc signatory agent on behalf of us</b> <b>Oil Recovery site PRP group</b>									
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	Transporter signature (for exports only): _____								
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name <b>B. WOODALL</b> Signature <b>B. Woodall</b> Month <b>5</b> Day <b>5</b> Year <b>14</b>				Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____				
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number		
	Facility's Phone: _____						18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>01: H061</b>		2. _____		3. _____		4. _____			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Cande Babcock</b>				Signature <b>Cande Babcock</b>				Month <b>10</b> Day <b>06</b> Year <b>14</b>	

Receiving Ticket No. 219162

\* Bulk Solids \*

US Oil Recovery PRP Group  
Scott Sales  
400 North Richey St.  
Pasadena, TX 77506

(409)351-4785

EPA Id: TXR000051540

Transporter:

Name : Effective Environmental  
Street: 2515 S. Beltline Rd.  
Cty/St: Mesquite , TX 75181  
Phone : (713)870-1300  
EPA Id: TXR000051508

Manifest Number: 002394997GBF

State Manf No. :

Profile No: CG1411887

Stand Prof:

P.O. Number :

Release Number :

Federal EPA Waste Codes:

D018

Lab Analysis:	Btus/Lb:	5900	Mercury:	5.1	Unloading/Processing Information:
Sample #: 63952	Halogen:	%	Spec Grav:	1.00 *	Recv. Gross: 66,680
Anal. Dt: 05/06/2014	Water:	%	* Grams per Milliliter		Recv. Tare: 36,180
Analyst: sc	Solids:	%			Recv. Net: 30,500
		ppm			Recv. Volume: 3,661
	Ph:	9			

Bill To: Name : EFFECTIVE ENVIRONMENTAL  
Attn : Jackie McQueen  
Street: 2515 S Beltline Rd  
Mesquite , TX 75181  
Cty/St:  
Phone : (972)329-1200

Material Type : Bulk Solids  
Waste Type : HAZ  
Date Received : 05/06/2014  
Schedl Time In:  
Actual Time In:  
Date Check Out: 05/09/2014  
Time Check Out:  
Loading Time : 0 Hrs 0 Min  
Haulr Pmp Time: 0 Hrs 0 Min  
Unloading Time: 0 Hrs 0 Min  
25306  
Waste Code Count: 1

Copy: 2

The analyses contained herein are performed solely for the purpose of qualifying the analyzed materials for acceptance by Systech in accordance with its permits and processing capability.

Systech Environmental Corporation  
1420 S. Cement Road  
Fredonia, KS  
6203784451

**CERTIFICATE OF DESTRUCTION**

This hereby certifies that waste as defined on Hazardous Waste Manifest 002394997GBF from US Oil Recovery PRP Group EPA ID: TXR000051540 was received by Systech Environmental Corporation, RCRA permit ID: KSD980633259

The waste material was received on : 05/06/2014

Total pounds processed by Systech:\* 30500

This waste is to be burned for energy recovery in a cement kiln in accordance with Federal (40 CFR 260 thru 270) and corresponding state hazardous waste regulations.

Treatment code for material processed: H061

Management commenced on or about the following date: 05/12/2014



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John Mrkwa, Carlotta Myers  
Customer Service Rep.

Projects #: 0-0

Order #: 106052

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002394998 GBF</b>					
5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>						Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>							
6. Transporter 1 Company Name <b>Effective Environmental, Inc.</b>						Ph#: <b>972-329-1200</b> State ID#: <b>TX-87158/AR-H-1361</b>		U.S. EPA ID Number <b>TXR000051508</b>					
7. Transporter 2 Company Name						U.S. EPA ID Number							
8. Designated Facility Name and Site Address <b>Systech Environmental Corporation 1420 S. Cement Road Fredonia, KS 66736</b>						State ID#: <b>D0020</b>		U.S. EPA ID Number <b>KSD980633259</b>					
Facility's Phone: <b>800-778-7224</b>													
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
						No. Type							
<input checked="" type="checkbox"/>		1. <b>RQ, NA3082, Hazardous waste, liquid, n.o.s. (D018, Sludge with trace Benzene), 9, PG III, ERG 171</b>				<b>001 CM</b>		<b>EST 5</b>		<b>T</b>		<b>CESQ603H D018</b>	
		2.											
		3.											
		4.											
14. Special Handling Instructions and Additional Information <b>01: Frac tank sludge (PF:CG1411887) AM BT</b>													
* EMERGENCY RESPONSE PHONE: 214-635-1500 * * ON CALL SUPERVISOR *													
<b>Box # UB 1020</b>													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Offoror's Printed/Typed Name <b>Brian Tuccillo Golder Associates Inc</b> Signature <b>Brian Tuccillo</b> Month <b>5</b> Day <b>7</b> Year <b>14</b>													
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:													
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>B. WOODALL</b> Signature <b>B. Woodall</b> Month <b>5</b> Day <b>7</b> Year <b>14</b> Transporter 2 Printed/Typed Name Signature Month Day Year													
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: U.S. EPA ID Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <b>01: H061</b> 2. 3. 4.													
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Dae Walters</b> Signature <b>Dae Walters</b> Month <b>5</b> Day <b>8</b> Year <b>14</b>													



Receiving Ticket No. 219299

\* Bulk Solids \*

US Oil Recovery PRP Group  
Scott Sales  
500 Century Plaza Drive  
Suite 190  
Houston, TX 77073  
(409)351-4785

Bill To: Name : EFFECTIVE ENVIRONMENTAL  
Attn : Jackie McQueen  
Street: 2515 S Beltline Rd  
Mesquite , TX 75181  
Cty/St:  
Phone : (972)329-1200

EPA Id: TXR000051540

Transporter:

Name : Effective Environmental  
Street: 2515 S. Beltline Rd.  
Cty/St: Mesquite , TX 75181  
Phone : (713)870-1300  
EPA Id: TXR000051508

Material Type : Bulk Solids  
Waste Type : HAZ  
Date Received : 05/08/2014  
Schedl Time In:  
Actual Time In:  
Date Check Out: 05/16/2014  
Time Check Out:  
Loading Time : 0 Hrs 0 Min  
Haulr Pmp Time: 0 Hrs 0 Min  
Unloading Time: 0 Hrs 0 Min  
1020  
Waste Code Count: 1

Manifest Number: 002394998GBF

State Manf No. :

Profile No: CG1411887

Stand Prof:

P.O. Number :

Release Number :

Federal EPA Waste Codes:

D018

Lab Analysis:	Btus/Lb:	5400	Mercury:	4.7	Unloading/Processing Information:
Sample #: 63969	Halogen:	%	Spec Grav:	1.00 *	Recv. Gross: 65,240
Anal. Dt: 05/08/2014	Water:	%	* Grams per Milliliter		Recv. Tare: 37,460
Analyst: ks	Solids:	%			Recv. Net: 27,780
		ppm			Recv. Volume: 3,335
	Ph:	7			

Copy: 2

The analyses contained herein are performed solely for the purpose of qualifying the analyzed materials for acceptance by Systech in accordance with its permits and processing capability.

Systech  
Vac Box CD  
For Fac Tank  
Cleaning

Systech Environmental Corporation  
1420 S. Cement Road  
Fredonia, KS  
6203784451

**CERTIFICATE OF DESTRUCTION**

This hereby certifies that waste as defined on Hazardous Waste Manifest 002394998GBF from US Oil Recovery PRP Group EPA ID: TXR000051540 was received by Systech Environmental Corporation, RCRA permit ID: KSD980633259

The waste material was received on : 05/08/2014

Total pounds processed by Systech:\* 27780

This waste is to be burned for energy recovery in a cement kiln in accordance with Federal (40 CFR 260 thru 270) and corresponding state hazardous waste regulations.

Treatment code for material processed: H061

Management commenced on or about the following date: 05/19/2014



---

John Mrkwa, Carlotta Myers  
Customer Service Rep.

GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>TXR000051540 / 52123</b>		2. Page 1 of 1		3. Emergency Response Phone <b>See Section 14</b>		4. Manifest Tracking Number <b>002402227 GBF</b>														
	5. Generator's Name and Mailing Address <b>US Oil Recovery PRP Group Golder Associates, Inc., 500 Century Plaza Drive, Suite 190 Houston, TX 77073</b>					Generator's Site Address (if different than mailing address) <b>400 N. Richey St., Pasadena, TX 77506</b>																	
	6. Transporter 1 Company Name <b>TIBC Transportation</b>					PH#: <b>281-479-9151</b> State ID#: <b>89398 / DOT 2152701</b>		U.S. EPA ID Number <b>TXR000080386</b>															
	7. Transporter 2 Company Name							U.S. EPA ID Number															
	8. Designated Facility Name and Site Address <b>Seabreeze Environmental Landfill 10310 FM 523 P.O. Box 567 Anneton, TX 77515</b>					State ID#: <b>H1539</b>		U.S. EPA ID Number															
	Facility's Phone: <b>878-864-4442</b>																						
	9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes											
	<input type="checkbox"/>		1. <b>Non-regulated material (water rinse)</b> <b>4360</b> <b>523</b>			<b>001</b> TT		<b>650</b> <b>700</b>		<b>G</b>		<b>CESQ1011</b> <b>Non-RCRA</b>											
			2.																				
			3.																				
		4.																					
14. Special Handling Instructions and Additional Information <b>01: Rinse (PF: SBL-14-625)</b>												* EMERGENCY RESPONSE PHONE: 214-635-1500 * * ON CALL SUPERVISOR *											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												Behalf of U.S. Oil Recovery Site PRP Group Signature: <b>Scott Outwater</b> Golder Associates Inc. Month: <b>06</b> Day: <b>08</b> Year: <b>14</b>											
Generator's/Offor's Printed/Typed Name <b>Scott Outwater</b>												Signature <b>Scott Outwater</b>											
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.												Port of entry/exit: <b>Inc.</b>											
Transporter signature (for exports only):												Date leaving U.S.:											
17. Transporter Acknowledgment of Receipt of Materials																							
Transporter 1 Printed/Typed Name <b>DAVID BILPIN</b>												Signature <b>David Bilpin</b> Month: <b>06</b> Day: <b>08</b> Year: <b>14</b>											
Transporter 2 Printed/Typed Name												Signature Month: Day: Year:											
18. Discrepancy																							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection																							
18b. Alternate Facility (or Generator)												Manifest Reference Number: U.S. EPA ID Number											
Facility's Phone:																							
18c. Signature of Alternate Facility (or Generator)												Month: Day: Year:											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																							
1. <b>01: H132</b>												2. 3. 4.											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a																							
Printed/Typed Name												Signature <b>43300</b> Month: Day: Year:											

**APPENDIX L**

**FRAC TANK SOLIDS AND WASH WATER LABORATORY REPORTS**



25-Jan-2013

Hiren Shah  
Effective Environmental Inc.  
9950 Chemical Road  
Pasadena, TX 77507

Tel: (713) 672-6100  
Fax: (713) 672-6101

Re: USOR Sampling & Analysis, 2 Frac Tanks, 400 N. Ricky

Work Order: **1301611**

Dear Hiren,

ALS Environmental received 5 samples on 18-Jan-2013 03:00 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 58.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

A handwritten signature in black ink that reads "Bethany McDaniel".

Electronically approved by: Jurnoke M. Lawal

Bethany McDaniel  
Project Manager



Certificate No: TX: T104704231-12-10

ADDRESS 10450 Stancliff Rd, Suite 210 Houston, Texas 77099-4338 | PHONE (281) 530-5656 | FAX (281) 530-5887

ALS GROUP USA, CORP. Part of the ALS Group An ALS Limited Company

Environmental

[www.alsglobal.com](http://www.alsglobal.com)

RIGHT SOLUTIONS RIGHT PARTNER



**Client:** Effective Environmental Inc.  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ricky  
**Work Order:** 1301611

## Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1301611-01	VB122084&VB25306-Vacuum Box	Sludge		1/17/2013 09:56	1/18/2013 15:00	<input type="checkbox"/>
1301611-02	FT-A5596C (NEW)	Water		1/17/2013 14:28	1/18/2013 15:00	<input type="checkbox"/>
1301611-03	FT-A5596C (NEW) DUPLICATE	Water		1/17/2013 14:46	1/18/2013 15:00	<input type="checkbox"/>
1301611-04	FT-A1475B (OLD)	Sludge		1/17/2013 15:16	1/18/2013 15:00	<input type="checkbox"/>
1301611-05	Trip Blank	Water		1/17/2013	1/18/2013 15:00	<input type="checkbox"/>

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**Client:** Effective Environmental Inc.  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N. Ricky  
**Work Order:** 1301611

---

**Case Narrative**

Surr: 2-Fluorobiphenyl and Surr: Trifluoromethyl benzene, Sample VB122084&VB25306-Vacuum Box: Surrogate recoveries were diluted out in the 200X dilution.

Sample received outside method holding time for pH. pH is an immediate test. Sample results are flagged with an "H" qualifier.

The temperature at the time of pH is reported. Please note that all pH results are already normalized to a temperature of 25 degrees C.

Surr: 2-Fluorobiphenyl recovery was outside the control limits for Sample FT-A5596C (NEW) DUPLICATE. Results confirmed as matrix interference by re-analysis.

Surr: 2-Fluorobiphenyl and Surr: Trifluoromethyl benzene, Sample FT-A1475B (OLD): Surrogate recoveries were diluted out in the 200X dilution.

Batch 67277, TCLP Metals, Sample 1301601-01: Duplicate RPD was outside the control limits for Lead.

Batch 67302, TCLP Metals, Sample 1301650-01: MS/MSD is for an unrelated sample.

Batch R141443, Volatile Organics, Sample 1301606-01: MS/MSD is for an unrelated sample.

Batch R141443, Volatile Organics, Sample 1301606-01: MS/MSD RPD is for an unrelated sample.

The analysis for Reactive Cyanide and Reactive Sulfide was subcontracted to ALS in Holland, MI.

# ALS Environmental

Date: 25-Jan-13

**Client:** Effective Environmental Inc.

**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N. Ricky

**Work Order:** 1301611

**Sample ID:** VB122084&VB25306-Vacuum Box

**Lab ID:** 1301611-01

**Collection Date:** 1/17/2013 09:56 AM

**Matrix:** SLUDGE

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>TEXAS TPH - TX1005</b>						
			<b>TX1005</b>		Prep Date: <b>1/22/2013</b>	Analyst: <b>RPM</b>
nC6 to nC12	41,000		9,900	mg/Kg	200	1/24/2013 08:24 AM
>nC12 to nC28	120,000		9,900	mg/Kg	200	1/24/2013 08:24 AM
>nC28 to nC35	29,000		9,900	mg/Kg	200	1/24/2013 08:24 AM
Total Petroleum Hydrocarbon	190,000		9,900	mg/Kg	200	1/24/2013 08:24 AM
Surr: 2-Fluorobiphenyl	0	S	70-130	%REC	200	1/24/2013 08:24 AM
Surr: Trifluoromethyl benzene	0	S	70-130	%REC	200	1/24/2013 08:24 AM
<b>TCLP MERCURY</b>						
			<b>SW7470</b>		Prep Date: <b>1/22/2013</b>	Analyst: <b>OFO</b>
Mercury	ND		0.000200	mg/L	1	1/22/2013 01:59 PM
<b>TCLP METALS</b>						
			<b>SW1311/6020</b>		Prep Date: <b>1/22/2013</b>	Analyst: <b>SKS</b>
Arsenic	ND		0.0500	mg/L	10	1/22/2013 05:19 PM
Barium	0.636		0.0500	mg/L	10	1/22/2013 05:19 PM
Cadmium	ND		0.0200	mg/L	10	1/22/2013 05:19 PM
Chromium	ND		0.0500	mg/L	10	1/22/2013 05:19 PM
Lead	ND		0.0500	mg/L	10	1/22/2013 05:19 PM
Selenium	ND		0.0500	mg/L	10	1/22/2013 05:19 PM
Silver	ND		0.0500	mg/L	10	1/22/2013 05:19 PM
<b>TCLP SEMIVOLATILES</b>						
			<b>SW1311/8270</b>		Prep Date: <b>1/22/2013</b>	Analyst: <b>JLJ</b>
2,4,5-Trichlorophenol	ND		0.050	mg/L	10	1/24/2013 05:09 PM
2,4,6-Trichlorophenol	ND		0.050	mg/L	10	1/24/2013 05:09 PM
2,4-Dinitrotoluene	ND		0.050	mg/L	10	1/24/2013 05:09 PM
Cresols, Total	5.9		0.75	mg/L	50	1/24/2013 03:42 PM
Hexachlorobenzene	ND		0.050	mg/L	10	1/24/2013 05:09 PM
Hexachlorobutadiene	ND		0.050	mg/L	10	1/24/2013 05:09 PM
Hexachloroethane	ND		0.050	mg/L	10	1/24/2013 05:09 PM
Nitrobenzene	ND		0.050	mg/L	10	1/24/2013 05:09 PM
Pentachlorophenol	ND		0.050	mg/L	10	1/24/2013 05:09 PM
Pyridine	ND		0.050	mg/L	10	1/24/2013 05:09 PM
Surr: 2,4,6-Tribromophenol	68.5		36-126	%REC	50	1/24/2013 03:42 PM
Surr: 2,4,6-Tribromophenol	89.6		36-126	%REC	10	1/24/2013 05:09 PM
Surr: 2-Fluorobiphenyl	87.8		43-125	%REC	50	1/24/2013 03:42 PM
Surr: 2-Fluorobiphenyl	102		43-125	%REC	10	1/24/2013 05:09 PM
Surr: 2-Fluorophenol	66.5		37-125	%REC	50	1/24/2013 03:42 PM
Surr: 2-Fluorophenol	85.7		37-125	%REC	10	1/24/2013 05:09 PM
Surr: 4-Terphenyl-d14	99.9		32-125	%REC	10	1/24/2013 05:09 PM
Surr: 4-Terphenyl-d14	92.7		32-125	%REC	50	1/24/2013 03:42 PM
Surr: Nitrobenzene-d5	101		37-125	%REC	10	1/24/2013 05:09 PM
Surr: Nitrobenzene-d5	88.9		37-125	%REC	50	1/24/2013 03:42 PM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

# ALS Environmental

Date: 25-Jan-13

**Client:** Effective Environmental Inc.

**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ricky

**Work Order:** 1301611

**Sample ID:** VB122084&VB25306-Vacuum Box

**Lab ID:** 1301611-01

**Collection Date:** 1/17/2013 09:56 AM

**Matrix:** SLUDGE

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Phenol-d6	83.3		40-125	%REC	50	1/24/2013 03:42 PM
Surr: Phenol-d6	97.2		40-125	%REC	10	1/24/2013 05:09 PM
<b>TCLP VOLATILES</b>			<b>SW1311/8260B</b>		Prep Date: 1/22/2013	Analyst: PC
1,1-Dichloroethene	ND		0.10	mg/L	20	1/24/2013 06:21 PM
1,2-Dichloroethane	ND		0.10	mg/L	20	1/24/2013 06:21 PM
1,4-Dichlorobenzene	ND		0.10	mg/L	20	1/24/2013 06:21 PM
2-Butanone	ND		0.20	mg/L	20	1/24/2013 06:21 PM
<b>Benzene</b>	<b>2.4</b>		<b>0.10</b>	<b>mg/L</b>	20	1/24/2013 06:21 PM
Carbon tetrachloride	ND		0.10	mg/L	20	1/24/2013 06:21 PM
Chlorobenzene	ND		0.10	mg/L	20	1/24/2013 06:21 PM
Chloroform	ND		0.10	mg/L	20	1/24/2013 06:21 PM
Tetrachloroethene	ND		0.10	mg/L	20	1/24/2013 06:21 PM
Trichloroethene	ND		0.10	mg/L	20	1/24/2013 06:21 PM
Vinyl chloride	ND		0.040	mg/L	20	1/24/2013 06:21 PM
Surr: 1,2-Dichloroethane-d4	85.9		70-125	%REC	20	1/24/2013 06:21 PM
Surr: 4-Bromofluorobenzene	101		72-125	%REC	20	1/24/2013 06:21 PM
Surr: Dibromofluoromethane	91.7		71-125	%REC	20	1/24/2013 06:21 PM
Surr: Toluene-d8	88.7		75-125	%REC	20	1/24/2013 06:21 PM
<b>REACTIVE CYANIDE</b>			<b>SW-846</b>			Analyst: HN
Reactive Cyanide	ND	n	40.0	mg/Kg	1	1/24/2013 09:00 AM
<b>REACTIVE SULFIDE</b>			<b>SW-846</b>			Analyst: HN
Reactive Sulfide	ND	n	40.0	mg/Kg	1	1/24/2013 09:00 AM
<b>IGNITABILITY</b>			<b>SW1030</b>			Analyst: KL
Ignitability, Solid	Negative			Burn Rate, mm/sec	1	1/24/2013 10:00 AM
<b>PH - SOIL - SW9045D</b>			<b>SW9045B</b>			Analyst: KL
pH	7.01		0.100	pH Units	1	1/24/2013 11:00 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

# ALS Environmental

Date: 25-Jan-13

Client: Effective Environmental Inc.

Project: USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ricky

Work Order: 1301611

Sample ID: FT-A5596C (NEW)

Lab ID: 1301611-02

Collection Date: 1/17/2013 02:28 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>LOW-LEVEL TEXAS TPH - TX1005</b>						
			<b>TX1005</b>		Prep Date: <b>1/23/2013</b>	Analyst: <b>RPM</b>
nC6 to nC12	50		0.96	mg/L	2	1/24/2013 09:23 AM
>nC12 to nC28	130		0.96	mg/L	2	1/24/2013 09:23 AM
>nC28 to nC35	23		0.96	mg/L	2	1/24/2013 09:23 AM
Total Petroleum Hydrocarbon	203		0.96	mg/L	2	1/24/2013 09:23 AM
Surr: 2-Fluorobiphenyl	141	S	70-130	%REC	2	1/24/2013 09:23 AM
Surr: Trifluoromethyl benzene	103		70-130	%REC	2	1/24/2013 09:23 AM
<b>TCLP MERCURY</b>						
			<b>SW7470</b>		Prep Date: <b>1/24/2013</b>	Analyst: <b>OFO</b>
Mercury	ND		0.000200	mg/L	1	1/24/2013 03:11 PM
<b>TCLP METALS</b>						
			<b>SW1311/6020</b>		Prep Date: <b>1/23/2013</b>	Analyst: <b>JCJ</b>
Arsenic	ND		0.0500	mg/L	10	1/23/2013 09:04 PM
Barium	0.292		0.0500	mg/L	10	1/23/2013 09:04 PM
Cadmium	ND		0.0200	mg/L	10	1/23/2013 09:04 PM
Chromium	ND		0.0500	mg/L	10	1/23/2013 09:04 PM
Lead	ND		0.0500	mg/L	10	1/23/2013 09:04 PM
Selenium	ND		0.0500	mg/L	10	1/23/2013 09:04 PM
Silver	ND		0.0500	mg/L	10	1/23/2013 09:04 PM
<b>TCLP SEMIVOLATILES</b>						
			<b>SW1311/8270</b>		Prep Date: <b>1/23/2013</b>	Analyst: <b>JLJ</b>
2,4,5-Trichlorophenol	ND		0.025	mg/L	1	1/23/2013 10:43 PM
2,4,6-Trichlorophenol	ND		0.025	mg/L	1	1/23/2013 10:43 PM
2,4-Dinitrotoluene	ND		0.025	mg/L	1	1/23/2013 10:43 PM
Cresols, Total	0.094		0.075	mg/L	1	1/23/2013 10:43 PM
Hexachlorobenzene	ND		0.025	mg/L	1	1/23/2013 10:43 PM
Hexachlorobutadiene	ND		0.025	mg/L	1	1/23/2013 10:43 PM
Hexachloroethane	ND		0.025	mg/L	1	1/23/2013 10:43 PM
Nitrobenzene	ND		0.025	mg/L	1	1/23/2013 10:43 PM
Pentachlorophenol	ND		0.025	mg/L	1	1/23/2013 10:43 PM
Pyridine	ND		0.025	mg/L	1	1/23/2013 10:43 PM
Surr: 2,4,6-Tribromophenol	49.6		36-126	%REC	1	1/23/2013 10:43 PM
Surr: 2-Fluorobiphenyl	50.3		43-125	%REC	1	1/23/2013 10:43 PM
Surr: 2-Fluorophenol	59.2		37-125	%REC	1	1/23/2013 10:43 PM
Surr: 4-Terphenyl-d14	79.6		32-125	%REC	1	1/23/2013 10:43 PM
Surr: Nitrobenzene-d5	69.3		37-125	%REC	1	1/23/2013 10:43 PM
Surr: Phenol-d6	63.6		40-125	%REC	1	1/23/2013 10:43 PM
<b>TCLP VOLATILES</b>						
			<b>SW1311/8260B</b>		Prep Date: <b>1/22/2013</b>	Analyst: <b>PC</b>
1,1-Dichloroethene	ND		0.10	mg/L	20	1/24/2013 06:46 PM
1,2-Dichloroethane	ND		0.10	mg/L	20	1/24/2013 06:46 PM
1,4-Dichlorobenzene	ND		0.10	mg/L	20	1/24/2013 06:46 PM

Note: See Qualifiers Page for a list of qualifiers and their explanation.



# ALS Environmental

Date: 25-Jan-13

**Client:** Effective Environmental Inc.

**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ricky

**Work Order:** 1301611

**Sample ID:** FT-A5596C (NEW)

**Lab ID:** 1301611-02

**Collection Date:** 1/17/2013 02:28 PM

**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		0.20	mg/L	20	1/24/2013 06:46 PM
<b>Benzene</b>	<b>0.48</b>		<b>0.10</b>	<b>mg/L</b>	20	1/24/2013 06:46 PM
Carbon tetrachloride	ND		0.10	mg/L	20	1/24/2013 06:46 PM
Chlorobenzene	ND		0.10	mg/L	20	1/24/2013 06:46 PM
Chloroform	ND		0.10	mg/L	20	1/24/2013 06:46 PM
Tetrachloroethene	ND		0.10	mg/L	20	1/24/2013 06:46 PM
Trichloroethene	ND		0.10	mg/L	20	1/24/2013 06:46 PM
Vinyl chloride	ND		0.040	mg/L	20	1/24/2013 06:46 PM
Surr: 1,2-Dichloroethane-d4	92.0		70-125	%REC	20	1/24/2013 06:46 PM
Surr: 4-Bromofluorobenzene	102		72-125	%REC	20	1/24/2013 06:46 PM
Surr: Dibromofluoromethane	96.1		71-125	%REC	20	1/24/2013 06:46 PM
Surr: Toluene-d8	90.0		75-125	%REC	20	1/24/2013 06:46 PM
<b>REACTIVE CYANIDE</b>			<b>SW-846</b>			Analyst: <b>HN</b>
Reactive Cyanide	ND	n	40.0	mg/Kg	1	1/24/2013 09:00 AM
<b>REACTIVE SULFIDE</b>			<b>SW-846</b>			Analyst: <b>HN</b>
Reactive Sulfide	ND	n	40.0	mg/Kg	1	1/24/2013 09:00 AM
<b>IGNITIBILITY</b>			<b>SW1010</b>			Analyst: <b>KL</b>
Ignitability	> 212		50.0	°F	1	1/23/2013 10:00 AM
<b>PH - SM4500H+ B</b>			<b>SM4500H+ B</b>			Analyst: <b>JKP</b>
pH	7.76	H	0.100	pH Units	1	1/22/2013

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

# ALS Environmental

Date: 25-Jan-13

**Client:** Effective Environmental Inc.

**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ricky

**Work Order:** 1301611

**Sample ID:** FT-A5596C (NEW) DUPLICATE

**Lab ID:** 1301611-03

**Collection Date:** 1/17/2013 02:46 PM

**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>LOW-LEVEL TEXAS TPH - TX1005</b>						
			<b>TX1005</b>		Prep Date: <b>1/23/2013</b>	Analyst: <b>RPM</b>
nC6 to nC12	51		0.95	mg/L	2	1/24/2013 10:34 AM
>nC12 to nC28	150		0.95	mg/L	2	1/24/2013 10:34 AM
>nC28 to nC35	23		0.95	mg/L	2	1/24/2013 10:34 AM
Total Petroleum Hydrocarbon	224		0.95	mg/L	2	1/24/2013 10:34 AM
Surr: 2-Fluorobiphenyl	202	S	70-130	%REC	2	1/24/2013 10:34 AM
Surr: Trifluoromethyl benzene	102		70-130	%REC	2	1/24/2013 10:34 AM
<b>TCLP MERCURY</b>						
			<b>SW7470</b>		Prep Date: <b>1/24/2013</b>	Analyst: <b>OFO</b>
Mercury	ND		0.000200	mg/L	1	1/24/2013 03:13 PM
<b>TCLP METALS</b>						
			<b>SW1311/6020</b>		Prep Date: <b>1/23/2013</b>	Analyst: <b>JCJ</b>
Arsenic	ND		0.0500	mg/L	10	1/23/2013 09:09 PM
Barium	0.659		0.0500	mg/L	10	1/23/2013 09:09 PM
Cadmium	ND		0.0200	mg/L	10	1/23/2013 09:09 PM
Chromium	ND		0.0500	mg/L	10	1/23/2013 09:09 PM
Lead	ND		0.0500	mg/L	10	1/23/2013 09:09 PM
Selenium	ND		0.0500	mg/L	10	1/23/2013 09:09 PM
Silver	ND		0.0500	mg/L	10	1/23/2013 09:09 PM
<b>TCLP SEMIVOLATILES</b>						
			<b>SW1311/8270</b>		Prep Date: <b>1/23/2013</b>	Analyst: <b>JLJ</b>
2,4,5-Trichlorophenol	ND		0.025	mg/L	1	1/23/2013 11:05 PM
2,4,6-Trichlorophenol	ND		0.025	mg/L	1	1/23/2013 11:05 PM
2,4-Dinitrotoluene	ND		0.025	mg/L	1	1/23/2013 11:05 PM
Cresols, Total	0.097		0.075	mg/L	1	1/23/2013 11:05 PM
Hexachlorobenzene	ND		0.025	mg/L	1	1/23/2013 11:05 PM
Hexachlorobutadiene	ND		0.025	mg/L	1	1/23/2013 11:05 PM
Hexachloroethane	ND		0.025	mg/L	1	1/23/2013 11:05 PM
Nitrobenzene	ND		0.025	mg/L	1	1/23/2013 11:05 PM
Pentachlorophenol	ND		0.025	mg/L	1	1/23/2013 11:05 PM
Pyridine	ND		0.025	mg/L	1	1/23/2013 11:05 PM
Surr: 2,4,6-Tribromophenol	50.1		36-126	%REC	1	1/23/2013 11:05 PM
Surr: 2-Fluorobiphenyl	51.7		43-125	%REC	1	1/23/2013 11:05 PM
Surr: 2-Fluorophenol	61.6		37-125	%REC	1	1/23/2013 11:05 PM
Surr: 4-Terphenyl-d14	79.2		32-125	%REC	1	1/23/2013 11:05 PM
Surr: Nitrobenzene-d5	72.9		37-125	%REC	1	1/23/2013 11:05 PM
Surr: Phenol-d6	69.7		40-125	%REC	1	1/23/2013 11:05 PM
<b>TCLP VOLATILES</b>						
			<b>SW1311/8260B</b>		Prep Date: <b>1/22/2013</b>	Analyst: <b>PC</b>
1,1-Dichloroethene	ND		0.10	mg/L	20	1/24/2013 07:11 PM
1,2-Dichloroethane	ND		0.10	mg/L	20	1/24/2013 07:11 PM
1,4-Dichlorobenzene	ND		0.10	mg/L	20	1/24/2013 07:11 PM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

# ALS Environmental

Date: 25-Jan-13

**Client:** Effective Environmental Inc.

**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ricky

**Work Order:** 1301611

**Sample ID:** FT-A5596C (NEW) DUPLICATE

**Lab ID:** 1301611-03

**Collection Date:** 1/17/2013 02:46 PM

**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		0.20	mg/L	20	1/24/2013 07:11 PM
<b>Benzene</b>	<b>0.46</b>		<b>0.10</b>	<b>mg/L</b>	20	1/24/2013 07:11 PM
Carbon tetrachloride	ND		0.10	mg/L	20	1/24/2013 07:11 PM
Chlorobenzene	ND		0.10	mg/L	20	1/24/2013 07:11 PM
Chloroform	ND		0.10	mg/L	20	1/24/2013 07:11 PM
Tetrachloroethene	ND		0.10	mg/L	20	1/24/2013 07:11 PM
Trichloroethene	ND		0.10	mg/L	20	1/24/2013 07:11 PM
Vinyl chloride	ND		0.040	mg/L	20	1/24/2013 07:11 PM
Surr: 1,2-Dichloroethane-d4	90.5		70-125	%REC	20	1/24/2013 07:11 PM
Surr: 4-Bromofluorobenzene	103		72-125	%REC	20	1/24/2013 07:11 PM
Surr: Dibromofluoromethane	91.8		71-125	%REC	20	1/24/2013 07:11 PM
Surr: Toluene-d8	85.5		75-125	%REC	20	1/24/2013 07:11 PM
<b>REACTIVE CYANIDE</b>			<b>SW-846</b>			Analyst: <b>HN</b>
Reactive Cyanide	ND	n	40.0	mg/Kg	1	1/24/2013 09:00 AM
<b>REACTIVE SULFIDE</b>			<b>SW-846</b>			Analyst: <b>HN</b>
Reactive Sulfide	ND	n	40.0	mg/Kg	1	1/24/2013 09:00 AM
<b>IGNITIBILITY</b>			<b>SW1010</b>			Analyst: <b>KL</b>
Ignitability	> 212		50.0	°F	1	1/23/2013 10:00 AM
<b>PH - SM4500H+ B</b>			<b>SM4500H+ B</b>			Analyst: <b>JKP</b>
pH	7.83	H	0.100	pH Units	1	1/22/2013

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

# ALS Environmental

Date: 25-Jan-13

**Client:** Effective Environmental Inc.

**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ricky

**Work Order:** 1301611

**Sample ID:** FT-A1475B (OLD)

**Lab ID:** 1301611-04

**Collection Date:** 1/17/2013 03:16 PM

**Matrix:** SLUDGE

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>TEXAS TPH - TX1005</b>						
			<b>TX1005</b>		Prep Date: <b>1/22/2013</b>	Analyst: <b>RPM</b>
nC6 to nC12	43,000		10,000	mg/Kg	200	1/24/2013 08:54 AM
>nC12 to nC28	110,000		10,000	mg/Kg	200	1/24/2013 08:54 AM
>nC28 to nC35	29,000		10,000	mg/Kg	200	1/24/2013 08:54 AM
Total Petroleum Hydrocarbon	182,000		10,000	mg/Kg	200	1/24/2013 08:54 AM
Surr: 2-Fluorobiphenyl	0	S	70-130	%REC	200	1/24/2013 08:54 AM
Surr: Trifluoromethyl benzene	0	S	70-130	%REC	200	1/24/2013 08:54 AM
<b>TCLP MERCURY</b>						
			<b>SW7470</b>		Prep Date: <b>1/22/2013</b>	Analyst: <b>OFO</b>
Mercury	ND		0.000200	mg/L	1	1/22/2013 02:01 PM
<b>TCLP METALS</b>						
			<b>SW1311/6020</b>		Prep Date: <b>1/22/2013</b>	Analyst: <b>SKS</b>
Arsenic	ND		0.0500	mg/L	10	1/22/2013 05:21 PM
Barium	0.369		0.0500	mg/L	10	1/22/2013 05:21 PM
Cadmium	ND		0.0200	mg/L	10	1/22/2013 05:21 PM
Chromium	ND		0.0500	mg/L	10	1/22/2013 05:21 PM
Lead	ND		0.0500	mg/L	10	1/22/2013 05:21 PM
Selenium	ND		0.0500	mg/L	10	1/22/2013 05:21 PM
Silver	ND		0.0500	mg/L	10	1/22/2013 05:21 PM
<b>TCLP SEMIVOLATILES</b>						
			<b>SW1311/8270</b>		Prep Date: <b>1/22/2013</b>	Analyst: <b>JLJ</b>
2,4,5-Trichlorophenol	ND		0.050	mg/L	10	1/25/2013 11:42 AM
2,4,6-Trichlorophenol	ND		0.050	mg/L	10	1/25/2013 11:42 AM
2,4-Dinitrotoluene	ND		0.050	mg/L	10	1/25/2013 11:42 AM
Cresols, Total	5.5		0.75	mg/L	50	1/24/2013 04:25 PM
Hexachlorobenzene	ND		0.050	mg/L	10	1/25/2013 11:42 AM
Hexachlorobutadiene	ND		0.050	mg/L	10	1/25/2013 11:42 AM
Hexachloroethane	ND		0.050	mg/L	10	1/25/2013 11:42 AM
Nitrobenzene	ND		0.050	mg/L	10	1/25/2013 11:42 AM
Pentachlorophenol	ND		0.050	mg/L	10	1/25/2013 11:42 AM
Pyridine	ND		0.050	mg/L	10	1/25/2013 11:42 AM
Surr: 2,4,6-Tribromophenol	83.1		36-126	%REC	10	1/25/2013 11:42 AM
Surr: 2,4,6-Tribromophenol	68.5		36-126	%REC	50	1/24/2013 04:25 PM
Surr: 2-Fluorobiphenyl	87.6		43-125	%REC	50	1/24/2013 04:25 PM
Surr: 2-Fluorobiphenyl	94.3		43-125	%REC	10	1/25/2013 11:42 AM
Surr: 2-Fluorophenol	63.9		37-125	%REC	50	1/24/2013 04:25 PM
Surr: 2-Fluorophenol	68.8		37-125	%REC	10	1/25/2013 11:42 AM
Surr: 4-Terphenyl-d14	86.4		32-125	%REC	50	1/24/2013 04:25 PM
Surr: 4-Terphenyl-d14	89.5		32-125	%REC	10	1/25/2013 11:42 AM
Surr: Nitrobenzene-d5	93.6		37-125	%REC	10	1/25/2013 11:42 AM
Surr: Nitrobenzene-d5	92.0		37-125	%REC	50	1/24/2013 04:25 PM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

# ALS Environmental

Date: 25-Jan-13

**Client:** Effective Environmental Inc.

**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ricky

**Work Order:** 1301611

**Sample ID:** FT-A1475B (OLD)

**Lab ID:** 1301611-04

**Collection Date:** 1/17/2013 03:16 PM

**Matrix:** SLUDGE

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Phenol-d6	75.7		40-125	%REC	10	1/25/2013 11:42 AM
Surr: Phenol-d6	82.9		40-125	%REC	50	1/24/2013 04:25 PM
<b>TCLP VOLATILES</b>			<b>SW1311/8260B</b>		Prep Date: 1/22/2013	Analyst: PC
1,1-Dichloroethene	ND		0.10	mg/L	20	1/24/2013 07:35 PM
<b>1,2-Dichloroethane</b>	<b>0.56</b>		<b>0.10</b>	<b>mg/L</b>	20	1/24/2013 07:35 PM
1,4-Dichlorobenzene	ND		0.10	mg/L	20	1/24/2013 07:35 PM
<b>2-Butanone</b>	<b>1.2</b>		<b>0.20</b>	<b>mg/L</b>	20	1/24/2013 07:35 PM
<b>Benzene</b>	<b>5.3</b>		<b>0.50</b>	<b>mg/L</b>	100	1/25/2013 02:22 PM
Carbon tetrachloride	ND		0.10	mg/L	20	1/24/2013 07:35 PM
Chlorobenzene	ND		0.10	mg/L	20	1/24/2013 07:35 PM
Chloroform	ND		0.10	mg/L	20	1/24/2013 07:35 PM
Tetrachloroethene	ND		0.10	mg/L	20	1/24/2013 07:35 PM
Trichloroethene	ND		0.10	mg/L	20	1/24/2013 07:35 PM
Vinyl chloride	ND		0.040	mg/L	20	1/24/2013 07:35 PM
Surr: 1,2-Dichloroethane-d4	88.7		70-125	%REC	20	1/24/2013 07:35 PM
Surr: 1,2-Dichloroethane-d4	90.3		70-125	%REC	100	1/25/2013 02:22 PM
Surr: 4-Bromofluorobenzene	99.2		72-125	%REC	20	1/24/2013 07:35 PM
Surr: 4-Bromofluorobenzene	102		72-125	%REC	100	1/25/2013 02:22 PM
Surr: Dibromofluoromethane	97.1		71-125	%REC	20	1/24/2013 07:35 PM
Surr: Dibromofluoromethane	94.7		71-125	%REC	100	1/25/2013 02:22 PM
Surr: Toluene-d8	87.0		75-125	%REC	20	1/24/2013 07:35 PM
Surr: Toluene-d8	87.3		75-125	%REC	100	1/25/2013 02:22 PM
<b>REACTIVE CYANIDE</b>			<b>SW-846</b>			Analyst: HN
Reactive Cyanide	ND	n	40.0	mg/Kg	1	1/24/2013 09:00 AM
<b>REACTIVE SULFIDE</b>			<b>SW-846</b>			Analyst: HN
Reactive Sulfide	ND	n	40.0	mg/Kg	1	1/24/2013 09:00 AM
<b>IGNITABILITY</b>			<b>SW1030</b>			Analyst: KL
Ignitability, Solid	Negative			Burn Rate, mm/sec	1	1/24/2013 10:00 AM
<b>PH - SOIL - SW9045D</b>			<b>SW9045B</b>			Analyst: KL
pH	7.12		0.100	pH Units	1	1/24/2013 11:00 AM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.



# ALS Environmental

Date: 25-Jan-13

**Client:** Effective Environmental Inc.

**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ricky

**Work Order:** 1301611

**Sample ID:** Trip Blank

**Lab ID:** 1301611-05

**Collection Date:** 1/17/2013

**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>TCL VOLATILES - SW8260C</b>			<b>SW8260</b>			Analyst: <b>PC</b>
1,1,1-Trichloroethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,1,2-Trichlor-1,2,2-trifluoroethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,2,4-Trichlorobenzene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,2-Dibromo-3-chloropropane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,2-Dichlorobenzene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,3-Dichlorobenzene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
1,4-Dichlorobenzene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
2-Butanone	ND		10	µg/L	1	1/22/2013 09:06 PM
2-Hexanone	ND		10	µg/L	1	1/22/2013 09:06 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	1/22/2013 09:06 PM
Acetone	ND		10	µg/L	1	1/22/2013 09:06 PM
Benzene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Bromodichloromethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Bromoform	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Bromomethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Carbon disulfide	ND		10	µg/L	1	1/22/2013 09:06 PM
Carbon tetrachloride	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Chlorobenzene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Chloroethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Chloroform	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Chloromethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Cyclohexane	ND	n	5.0	µg/L	1	1/22/2013 09:06 PM
Dibromochloromethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Dichlorodifluoromethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Dichloromethane	ND		10	µg/L	1	1/22/2013 09:06 PM
Ethylbenzene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Isopropylbenzene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
m,p-Xylene	ND		10	µg/L	1	1/22/2013 09:06 PM
Methyl acetate	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/22/2013 09:06 PM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

**ALS Environmental****Date:** 25-Jan-13**Client:** Effective Environmental Inc.**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ricky**Work Order:** 1301611**Sample ID:** Trip Blank**Lab ID:** 1301611-05**Collection Date:** 1/17/2013**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Methylcyclohexane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
o-Xylene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Styrene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Tetrachloroethene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Toluene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Trichloroethene	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Trichlorofluoromethane	ND		5.0	µg/L	1	1/22/2013 09:06 PM
Vinyl chloride	ND		2.0	µg/L	1	1/22/2013 09:06 PM
Xylenes, Total	ND		15	µg/L	1	1/22/2013 09:06 PM
Surr: 1,2-Dichloroethane-d4	87.9		70-125	%REC	1	1/22/2013 09:06 PM
Surr: 4-Bromofluorobenzene	104		72-125	%REC	1	1/22/2013 09:06 PM
Surr: Dibromofluoromethane	98.9		71-125	%REC	1	1/22/2013 09:06 PM
Surr: Toluene-d8	90.1		75-125	%REC	1	1/22/2013 09:06 PM

**Note:** See Qualifiers Page for a list of qualifiers and their explanation.

# ALS Environmental

Date: 25-Jan-13

**Client:** Effective Environmental Inc.

**Work Order:** 1301611

**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67282** Instrument ID **FID-13** Method: **TX1005**

<b>MBLK</b>	Sample ID: <b>FBLKS1-130122-67282</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>1/22/2013 04:29 PM</b>			
Client ID:	Run ID: <b>FID-13_130122A</b>				SeqNo: <b>3089065</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	ND	50								
>nC12 to nC28	ND	50								
>nC28 to nC35	ND	50								
Total Petroleum Hydrocarbon	ND	50								
Surr: 2-Fluorobiphenyl	17.66	0	25	0	70.6	70-130	0			
Surr: Trifluoromethyl benzene	18.5	0	25	0	74	70-130	0			

<b>LCS</b>	Sample ID: <b>FLCSS1-130122-67282</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>1/22/2013 04:59 PM</b>			
Client ID:	Run ID: <b>FID-13_130122A</b>				SeqNo: <b>3089067</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	253.4	50	250	0	101	75-125	0			
>nC12 to nC28	197.6	50	250	0	79	75-125	0			
Surr: 2-Fluorobiphenyl	18.85	0	25	0	75.4	70-130	0			
Surr: Trifluoromethyl benzene	26.01	0	25	0	104	70-130	0			

<b>LCSD</b>	Sample ID: <b>FLCSDS1-130122-67282</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>1/22/2013 05:31 PM</b>			
Client ID:	Run ID: <b>FID-13_130122A</b>				SeqNo: <b>3089069</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	254.1	50	250	0	102	75-125	253.4	0.265	20	
>nC12 to nC28	211.1	50	250	0	84.4	75-125	197.6	6.59	20	
Surr: 2-Fluorobiphenyl	17.77	0	25	0	71.1	70-130	18.85	5.86	20	
Surr: Trifluoromethyl benzene	24.61	0	25	0	98.4	70-130	26.01	5.53	20	

<b>MS</b>	Sample ID: <b>1301577-15BMS</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>1/22/2013 07:07 PM</b>			
Client ID:	Run ID: <b>FID-13_130122A</b>				SeqNo: <b>3089072</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	263.7	50	248	49.31	86.4	75-125	0			
>nC12 to nC28	498.1	50	248	247.7	101	75-125	0			
Surr: 2-Fluorobiphenyl	29.65	0	24.8	0	120	70-130	0			
Surr: Trifluoromethyl benzene	26.2	0	24.8	0	106	70-130	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67282** Instrument ID **FID-13** Method: **TX1005**

<b>MSD</b>	Sample ID: <b>1301577-15BMSD</b>				Units: <b>mg/Kg</b>			Analysis Date: <b>1/22/2013 07:39 PM</b>		
Client ID:	Run ID: <b>FID-13_130122A</b>				SeqNo: <b>3089073</b>			Prep Date: <b>1/22/2013</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	260.2	50	247.8	49.31	85.1	75-125	263.7	1.33	20	
>nC12 to nC28	444.8	50	247.8	247.7	79.6	75-125	498.1	11.3	20	
<i>Surr: 2-Fluorobiphenyl</i>	25.25	0	24.78	0	102	70-130	29.65	16	20	
<i>Surr: Trifluoromethyl benzene</i>	23.85	0	24.78	0	96.3	70-130	26.2	9.37	20	

The following samples were analyzed in this batch:

1301611-01A	1301611-04A
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**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67308** Instrument ID **FID-11** Method: **TX1005**

<b>MBLK</b>	Sample ID: <b>FBLKW1-130123-67308</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/23/2013 10:10 PM</b>			
Client ID:	Run ID: <b>FID-11_130123A</b>				SeqNo: <b>3090011</b>		Prep Date: <b>1/23/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	ND	0.50								
>nC12 to nC28	ND	0.50								
>nC28 to nC35	ND	0.50								
Total Petroleum Hydrocarbon	ND	0.50								
Surr: 2-Fluorobiphenyl	2.973	0	2.5	0	119	70-130	0			
Surr: Trifluoromethyl benzene	2.634	0	2.5	0	105	70-130	0			

<b>LCS</b>	Sample ID: <b>FLCSW1-130123-67308</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/23/2013 10:39 PM</b>			
Client ID:	Run ID: <b>FID-11_130123A</b>				SeqNo: <b>3090012</b>		Prep Date: <b>1/23/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	22.28	0.50	25	0	89.1	75-125	0			
>nC12 to nC28	23.93	0.50	25	0	95.7	75-125	0			
Surr: 2-Fluorobiphenyl	2.846	0	2.5	0	114	70-130	0			
Surr: Trifluoromethyl benzene	2.245	0	2.5	0	89.8	70-130	0			

<b>LCSD</b>	Sample ID: <b>FLCSDW1-130123-67308</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/23/2013 11:08 PM</b>			
Client ID:	Run ID: <b>FID-11_130123A</b>				SeqNo: <b>3090013</b>		Prep Date: <b>1/23/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	22.81	0.50	25	0	91.3	75-125	22.28	2.37	20	
>nC12 to nC28	24.17	0.50	25	0	96.7	75-125	23.93	0.982	20	
Surr: 2-Fluorobiphenyl	3.036	0	2.5	0	121	70-130	2.846	6.46	20	
Surr: Trifluoromethyl benzene	2.429	0	2.5	0	97.2	70-130	2.245	7.88	20	

<b>MS</b>	Sample ID: <b>1301570-01BMS</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/24/2013 01:34 AM</b>			
Client ID:	Run ID: <b>FID-11_130123A</b>				SeqNo: <b>3090015</b>		Prep Date: <b>1/23/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	19.07	0.45	22.57	0.1712	83.7	75-125	0			
>nC12 to nC28	22.68	0.45	22.57	0.5494	98.1	75-125	0			
Surr: 2-Fluorobiphenyl	2.582	0	2.257	0	114	70-130	0			
Surr: Trifluoromethyl benzene	2.04	0	2.257	0	90.4	70-130	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.



**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67308** Instrument ID **FID-11** Method: **TX1005**

<b>MSD</b>	Sample ID: <b>1301570-01BMSD</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/24/2013 02:04 AM</b>			
Client ID:	Run ID: <b>FID-11_130123A</b>				SeqNo: <b>3090016</b>		Prep Date: <b>1/23/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	20.78	0.44	22.22	0.1712	92.8	75-125	19.07	8.58	20	
>nC12 to nC28	22.25	0.44	22.22	0.5494	97.7	75-125	22.68	1.93	20	
<i>Surr: 2-Fluorobiphenyl</i>	2.748	0	2.222	0	124	70-130	2.582	6.23	20	
<i>Surr: Trifluoromethyl benzene</i>	2.168	0	2.222	0	97.6	70-130	2.04	6.05	20	

The following samples were analyzed in this batch:

1301611-02A	1301611-03A
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**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67270** Instrument ID **Mercury** Method: **SW7470**

<b>MBLK</b>	Sample ID: <b>GBLKW2-012213-67270</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/22/2013 01:33 PM</b>			
Client ID:	Run ID: <b>MERCURY_130121A</b>				SeqNo: <b>3088127</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020								

<b>MBLK</b>	Sample ID: <b>GBLKT1-012113-67270</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/22/2013 01:45 PM</b>			
Client ID:	Run ID: <b>MERCURY_130121A</b>				SeqNo: <b>3088133</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020	0	0	0	0-0	0			

<b>LCS</b>	Sample ID: <b>GLCSW2-012213-67270</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/22/2013 01:35 PM</b>			
Client ID:	Run ID: <b>MERCURY_130121A</b>				SeqNo: <b>3088128</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00502	0.00020	0.005	0	100	80-120	0			

<b>MS</b>	Sample ID: <b>1301583-01BMS</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/22/2013 01:41 PM</b>			
Client ID:	Run ID: <b>MERCURY_130121A</b>				SeqNo: <b>3088131</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.0049	0.00020	0.005	0.000012	97.8	75-125	0			

<b>MSD</b>	Sample ID: <b>1301583-01BMSD</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/22/2013 01:43 PM</b>			
Client ID:	Run ID: <b>MERCURY_130121A</b>				SeqNo: <b>3088132</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00487	0.00020	0.005	0.000012	97.2	75-125	0.0049	0.614	20	

<b>DUP</b>	Sample ID: <b>1301583-01BDUP</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/22/2013 01:39 PM</b>			
Client ID:	Run ID: <b>MERCURY_130121A</b>				SeqNo: <b>3088130</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020	0	0	0	0-0	0.000012	0	20	

The following samples were analyzed in this batch:

1301611-01A 1301611-04A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67277** Instrument ID **ICPMS05** Method: **SW1311/6020**

**MBLK** Sample ID: **MBLKT1-012213-67277** Units: **mg/L** Analysis Date: **1/22/2013 04:33 PM**

Client ID: Run ID: **ICPMS05\_130122A** SeqNo: **3088645** Prep Date: **1/22/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.050								
Barium	0.1286	0.050								
Cadmium	ND	0.020								
Chromium	ND	0.050								
Lead	ND	0.050								
Selenium	ND	0.050								
Silver	ND	0.050								

**MBLK** Sample ID: **MBLKW2-012213-67277** Units: **mg/L** Analysis Date: **1/22/2013 04:36 PM**

Client ID: Run ID: **ICPMS05\_130122A** SeqNo: **3088646** Prep Date: **1/22/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.050								
Barium	ND	0.050								
Cadmium	ND	0.020								
Chromium	ND	0.050								
Lead	ND	0.050								
Selenium	ND	0.050								
Silver	ND	0.050								

**LCS** Sample ID: **MLCSW2-012213-67277** Units: **mg/L** Analysis Date: **1/22/2013 04:38 PM**

Client ID: Run ID: **ICPMS05\_130122A** SeqNo: **3088647** Prep Date: **1/22/2013** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.5542	0.050	0.5	0	111	80-120	0			
Barium	0.5309	0.050	0.5	0	106	80-120	0			
Cadmium	0.5842	0.020	0.5	0	117	80-120	0			
Chromium	0.5734	0.050	0.5	0	115	80-120	0			
Lead	0.5505	0.050	0.5	0	110	80-120	0			
Selenium	0.5779	0.050	0.5	0	116	80-120	0			
Silver	0.5207	0.050	0.5	0	104	80-120	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67277** Instrument ID **ICPMS05** Method: **SW1311/6020**

<b>MS</b>		Sample ID: <b>1301601-01CMS</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/22/2013 05:04 PM</b>		
Client ID:		Run ID: <b>ICPMS05_130122A</b>				SeqNo: <b>3088654</b>		Prep Date: <b>1/22/2013</b>		DF: <b>10</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.5828	0.050	0.5	0.002396	116	75-125	0			
Barium	0.5707	0.050	0.5	0.03011	108	75-125	0			
Cadmium	0.5663	0.020	0.5	0.000706	113	75-125	0			
Chromium	0.5722	0.050	0.5	0.002479	114	75-125	0			
Lead	0.607	0.050	0.5	0.08498	104	75-125	0			
Selenium	0.4281	0.050	0.5	-0.002738	86.2	75-125	0			
Silver	0.4834	0.050	0.5	0.000064	96.7	75-125	0			

<b>MSD</b>		Sample ID: <b>1301601-01CMSD</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/22/2013 05:12 PM</b>		
Client ID:		Run ID: <b>ICPMS05_130122A</b>				SeqNo: <b>3088657</b>		Prep Date: <b>1/22/2013</b>		DF: <b>10</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.5612	0.050	0.5	0.002396	112	75-125	0.5828	3.76	25	
Barium	0.5553	0.050	0.5	0.03011	105	75-125	0.5707	2.75	25	
Cadmium	0.5706	0.020	0.5	0.000706	114	75-125	0.5663	0.755	25	
Chromium	0.5504	0.050	0.5	0.002479	110	75-125	0.5722	3.88	25	
Lead	0.5917	0.050	0.5	0.08498	101	75-125	0.607	2.55	25	
Selenium	0.4049	0.050	0.5	-0.002738	81.5	75-125	0.4281	5.56	25	
Silver	0.4773	0.050	0.5	0.000064	95.4	75-125	0.4834	1.27	25	

<b>DUP</b>		Sample ID: <b>1301601-01CDUP</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/22/2013 05:02 PM</b>		
Client ID:		Run ID: <b>ICPMS05_130122A</b>				SeqNo: <b>3088653</b>		Prep Date: <b>1/22/2013</b>		DF: <b>10</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.050	0	0	0	0-0	0.002396	0	25	
Barium	ND	0.050	0	0	0	0-0	0.03011	0	25	
Cadmium	ND	0.020	0	0	0	0-0	0.000706	0	25	
Chromium	ND	0.050	0	0	0	0-0	0.002479	0	25	
Lead	0.06181	0.050	0	0	0	0-0	0.08498	31.6	25	R
Selenium	ND	0.050	0	0	0	0-0	-0.002738	0	25	
Silver	ND	0.050	0	0	0	0-0	0.000064	0	25	

The following samples were analyzed in this batch:

1301611-01A 1301611-04A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67302** Instrument ID **ICP7500** Method: **SW1311/6020**

<b>MBLK</b>	Sample ID: <b>MBLKT1-012213-67302</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/23/2013 08:49 PM</b>			
Client ID:	Run ID: <b>ICP7500_130123A</b>				SeqNo: <b>3090296</b>		Prep Date: <b>1/23/2013</b>		DF: <b>10</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.050								
Barium	0.1004	0.050								
Cadmium	ND	0.020								
Chromium	ND	0.050								
Lead	ND	0.050								
Selenium	ND	0.050								
Silver	ND	0.050								

<b>MBLK</b>	Sample ID: <b>MBLKW5-012313-67302</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/23/2013 08:54 PM</b>			
Client ID:	Run ID: <b>ICP7500_130123A</b>				SeqNo: <b>3090299</b>		Prep Date: <b>1/23/2013</b>		DF: <b>10</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.050								
Barium	ND	0.050								
Cadmium	ND	0.020								
Chromium	ND	0.050								
Lead	ND	0.050								
Selenium	ND	0.050								
Silver	ND	0.050								

<b>LCS</b>	Sample ID: <b>MLCSW5-012313-67302</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/23/2013 08:59 PM</b>			
Client ID:	Run ID: <b>ICP7500_130123A</b>				SeqNo: <b>3090302</b>		Prep Date: <b>1/23/2013</b>		DF: <b>10</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.5364	0.050	0.5	0	107	80-120	0			
Barium	0.5375	0.050	0.5	0	108	80-120	0			
Cadmium	0.5688	0.020	0.5	0	114	80-120	0			
Chromium	0.5568	0.050	0.5	0	111	80-120	0			
Lead	0.5553	0.050	0.5	0	111	80-120	0			
Selenium	0.5333	0.050	0.5	0	107	80-120	0			
Silver	0.5191	0.050	0.5	0	104	80-120	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.



**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67302**      Instrument ID **ICP7500**      Method: **SW1311/6020**

<b>MS</b>		Sample ID: <b>1301650-01AMS</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/23/2013 09:45 PM</b>		
Client ID:		Run ID: <b>ICP7500_130123A</b>				SeqNo: <b>3090326</b>		Prep Date: <b>1/23/2013</b>		DF: <b>10</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.5708	0.050	0.5	0.00156	114	75-125	0			
Barium	3.779	0.050	0.5	3.272	101	75-125	0			O
Cadmium	0.6196	0.020	0.5	0.01156	122	75-125	0			
Chromium	0.5651	0.050	0.5	0.004918	112	75-125	0			
Lead	0.5953	0.050	0.5	0.01857	115	75-125	0			
Selenium	0.5824	0.050	0.5	0.004999	115	75-125	0			
Silver	0.5076	0.050	0.5	-0.001517	102	75-125	0			

<b>MSD</b>		Sample ID: <b>1301650-01AMSD</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/23/2013 09:50 PM</b>		
Client ID:		Run ID: <b>ICP7500_130123A</b>				SeqNo: <b>3090328</b>		Prep Date: <b>1/23/2013</b>		DF: <b>10</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.5646	0.050	0.5	0.00156	113	75-125	0.5708	1.09	25	
Barium	3.935	0.050	0.5	3.272	133	75-125	3.779	4.04	25	SO
Cadmium	0.6389	0.020	0.5	0.01156	125	75-125	0.6196	3.07	25	S
Chromium	0.5677	0.050	0.5	0.004918	113	75-125	0.5651	0.459	25	
Lead	0.5929	0.050	0.5	0.01857	115	75-125	0.5953	0.404	25	
Selenium	0.5705	0.050	0.5	0.004999	113	75-125	0.5824	2.06	25	
Silver	0.5085	0.050	0.5	-0.001517	102	75-125	0.5076	0.177	25	

<b>DUP</b>		Sample ID: <b>1301650-01ADUP</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/23/2013 09:40 PM</b>		
Client ID:		Run ID: <b>ICP7500_130123A</b>				SeqNo: <b>3090324</b>		Prep Date: <b>1/23/2013</b>		DF: <b>10</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.050	0	0	0	0-0	0.00156	0	25	
Barium	3.257	0.050	0	0	0	0-0	3.272	0.459	25	
Cadmium	ND	0.020	0	0	0	0-0	0.01156	0	25	
Chromium	ND	0.050	0	0	0	0-0	0.004918	0	25	
Lead	ND	0.050	0	0	0	0-0	0.01857	0	25	
Selenium	ND	0.050	0	0	0	0-0	0.004999	0	25	
Silver	ND	0.050	0	0	0	0-0	-0.001517	0	25	

The following samples were analyzed in this batch:

1301611-02A      1301611-03A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67327** Instrument ID **Mercury** Method: **SW7470**

<b>MBLK</b>	Sample ID: <b>GBLKW1-012413-67327</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/24/2013 02:53 PM</b>			
Client ID:	Run ID: <b>MERCURY_130124A</b>				SeqNo: <b>3090911</b>		Prep Date: <b>1/24/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020								

<b>MBLK</b>	Sample ID: <b>GBLKT1-012313-67327</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/24/2013 03:09 PM</b>			
Client ID:	Run ID: <b>MERCURY_130124A</b>				SeqNo: <b>3090919</b>		Prep Date: <b>1/24/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020	0	0	0	0-0	0			

<b>LCS</b>	Sample ID: <b>GLCSW1-012413-67327</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/24/2013 02:55 PM</b>			
Client ID:	Run ID: <b>MERCURY_130124A</b>				SeqNo: <b>3090912</b>		Prep Date: <b>1/24/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00505	0.00020	0.005	0	101	80-120	0			

<b>MS</b>	Sample ID: <b>1301678-01AMS</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/24/2013 03:01 PM</b>			
Client ID:	Run ID: <b>MERCURY_130124A</b>				SeqNo: <b>3090915</b>		Prep Date: <b>1/24/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00493	0.00020	0.005	-0.000005	98.7	75-125	0			

<b>MSD</b>	Sample ID: <b>1301678-01AMSD</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/24/2013 03:03 PM</b>			
Client ID:	Run ID: <b>MERCURY_130124A</b>				SeqNo: <b>3090916</b>		Prep Date: <b>1/24/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00486	0.00020	0.005	-0.000005	97.3	75-125	0.00493	1.43	20	

<b>DUP</b>	Sample ID: <b>1301678-01ADUP</b>				Units: <b>mg/L</b>		Analysis Date: <b>1/24/2013 02:59 PM</b>			
Client ID:	Run ID: <b>MERCURY_130124A</b>				SeqNo: <b>3090914</b>		Prep Date: <b>1/24/2013</b>		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020	0	0	0	0-0	-0.000005	0	20	

The following samples were analyzed in this batch:

1301611-02A 1301611-03A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67262** Instrument ID **SV-5** Method: **SW1311/8270**

MBLK		Sample ID: <b>SBLKT1-130123-67262</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/23/2013 01:51 PM</b>		
Client ID:		Run ID: <b>SV-5_130124A</b>				SeqNo: <b>3092173</b>		Prep Date: <b>1/23/2013</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
Cresols, Total	ND	15								
Hexachlorobenzene	ND	5.0								
Hexachlorobutadiene	ND	5.0								
Hexachloroethane	ND	5.0								
Nitrobenzene	ND	5.0								
Pentachlorophenol	ND	5.0								
Pyridine	ND	5.0								
<i>Surr: 2,4,6-Tribromophenol</i>	101.1	5.0	100	0	101	36-126	0			
<i>Surr: 2-Fluorobiphenyl</i>	105.7	5.0	100	0	106	43-125	0			
<i>Surr: 2-Fluorophenol</i>	86.37	5.0	100	0	86.4	37-125	0			
<i>Surr: 4-Terphenyl-d14</i>	102.8	5.0	100	0	103	32-125	0			
<i>Surr: Nitrobenzene-d5</i>	102	5.0	100	0	102	37-125	0			
<i>Surr: Phenol-d6</i>	81.45	5.0	100	0	81.5	40-125	0			

LCS		Sample ID: <b>SLCST1-130123-67262</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/23/2013 02:58 PM</b>		
Client ID:		Run ID: <b>SV-5_130124A</b>				SeqNo: <b>3092177</b>		Prep Date: <b>1/23/2013</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	108.9	5.0	100	0	109	55-120	0			
2,4,6-Trichlorophenol	84.46	5.0	100	0	84.5	55-120	0			
2,4-Dinitrotoluene	47.91	5.0	50	0	95.8	55-125	0			
Cresols, Total	242.6	15	250	0	97.1	40-120	0			
Hexachlorobenzene	50.32	5.0	50	0	101	55-120	0			
Hexachlorobutadiene	46.47	5.0	50	0	92.9	55-120	0			
Hexachloroethane	44.12	5.0	50	0	88.2	55-120	0			
Nitrobenzene	46.46	5.0	50	0	92.9	55-120	0			
Pentachlorophenol	97.06	5.0	100	0	97.1	50-135	0			
Pyridine	31.55	5.0	50	0	63.1	30-120	0			
<i>Surr: 2,4,6-Tribromophenol</i>	96.84	5.0	100	0	96.8	36-126	0			
<i>Surr: 2-Fluorobiphenyl</i>	90.79	5.0	100	0	90.8	43-125	0			
<i>Surr: 2-Fluorophenol</i>	95.47	5.0	100	0	95.5	37-125	0			
<i>Surr: 4-Terphenyl-d14</i>	101.4	5.0	100	0	101	32-125	0			
<i>Surr: Nitrobenzene-d5</i>	96.21	5.0	100	0	96.2	37-125	0			
<i>Surr: Phenol-d6</i>	94.55	5.0	100	0	94.5	40-125	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67262** Instrument ID **SV-5** Method: **SW1311/8270**

LCSD		Sample ID: <b>SLCSDT1-130123-67262</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/23/2013 02:36 PM</b>		
Client ID:		Run ID: <b>SV-5_130124A</b>				SeqNo: <b>3092175</b>		Prep Date: <b>1/23/2013</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	103.5	5.0	100	0	104	55-120	108.9	5.04	25	
2,4,6-Trichlorophenol	91.11	5.0	100	0	91.1	55-120	84.46	7.58	25	
2,4-Dinitrotoluene	49.48	5.0	50	0	99	55-125	47.91	3.23	25	
Cresols, Total	224.5	15	250	0	89.8	40-120	242.6	7.78	25	
Hexachlorobenzene	52.14	5.0	50	0	104	55-120	50.32	3.54	25	
Hexachlorobutadiene	46.71	5.0	50	0	93.4	55-120	46.47	0.512	25	
Hexachloroethane	45.35	5.0	50	0	90.7	55-120	44.12	2.74	25	
Nitrobenzene	45.24	5.0	50	0	90.5	55-120	46.46	2.65	25	
Pentachlorophenol	98.04	5.0	100	0	98	50-135	97.06	0.998	25	
Pyridine	33.84	5.0	50	0	67.7	30-120	31.55	6.99	25	
<i>Surr: 2,4,6-Tribromophenol</i>	93.15	5.0	100	0	93.1	36-126	96.84	3.89	25	
<i>Surr: 2-Fluorobiphenyl</i>	89.07	5.0	100	0	89.1	43-125	90.79	1.91	25	
<i>Surr: 2-Fluorophenol</i>	92.75	5.0	100	0	92.8	37-125	95.47	2.89	25	
<i>Surr: 4-Terphenyl-d14</i>	100.1	5.0	100	0	100	32-125	101.4	1.24	25	
<i>Surr: Nitrobenzene-d5</i>	92.15	5.0	100	0	92.1	37-125	96.21	4.31	25	
<i>Surr: Phenol-d6</i>	87.14	5.0	100	0	87.1	40-125	94.55	8.16	25	

MS		Sample ID: <b>1301611-03AMS</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/23/2013 11:27 PM</b>		
Client ID: <b>FT-A5596C (NEW) DUPLICATE</b>		Run ID: <b>SV-5_130124A</b>				SeqNo: <b>3092185</b>		Prep Date: <b>1/23/2013</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	362.2	25	500	0	72.4	55-120	0			
2,4,6-Trichlorophenol	341.3	25	500	0	68.3	55-120	0			
2,4-Dinitrotoluene	174.4	25	250	0	69.8	55-125	0			
Cresols, Total	1519	75	1250	96.96	114	40-120	0			
Hexachlorobenzene	270.1	25	250	0	108	55-120	0			
Hexachlorobutadiene	239.1	25	250	0	95.6	55-120	0			
Hexachloroethane	236.3	25	250	0	94.5	55-120	0			
Nitrobenzene	270.7	25	250	0	108	55-120	0			
Pentachlorophenol	484	25	500	0	96.8	50-135	0			
Pyridine	276.5	25	250	0	111	30-120	0			
<i>Surr: 2,4,6-Tribromophenol</i>	309.9	25	500	0	62	36-126	0			
<i>Surr: 2-Fluorobiphenyl</i>	332.8	25	500	0	66.6	43-125	0			
<i>Surr: 2-Fluorophenol</i>	510.9	25	500	0	102	37-125	0			
<i>Surr: 4-Terphenyl-d14</i>	583.7	25	500	0	117	32-125	0			
<i>Surr: Nitrobenzene-d5</i>	515.5	25	500	0	103	37-125	0			
<i>Surr: Phenol-d6</i>	532.9	25	500	0	107	40-125	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling &Analysis, 2 Frac Tanks, 400 N.Ri

**QC BATCH REPORT**

Batch ID: **67262**      Instrument ID **SV-5**      Method: **SW1311/8270**

The following samples were analyzed in this batch:

1301611-02A	1301611-03A
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**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67263** Instrument ID **SV-3** Method: **SW1311/8270**

MBLK		Sample ID: <b>SBLKT2-130122-67263</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/22/2013 06:51 PM</b>		
Client ID:		Run ID: <b>SV-3_130122B</b>				SeqNo: <b>3091603</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
Cresols, Total	ND	15								
Hexachlorobenzene	ND	5.0								
Hexachlorobutadiene	ND	5.0								
Hexachloroethane	ND	5.0								
Nitrobenzene	ND	5.0								
Pentachlorophenol	ND	5.0								
Pyridine	ND	5.0								
<i>Surr: 2,4,6-Tribromophenol</i>	83.64	5.0	100	0	83.6	36-126	0			
<i>Surr: 2-Fluorobiphenyl</i>	83.14	5.0	100	0	83.1	43-125	0			
<i>Surr: 2-Fluorophenol</i>	70.35	5.0	100	0	70.3	37-125	0			
<i>Surr: 4-Terphenyl-d14</i>	88.57	5.0	100	0	88.6	32-125	0			
<i>Surr: Nitrobenzene-d5</i>	85.25	5.0	100	0	85.3	37-125	0			
<i>Surr: Phenol-d6</i>	68.78	5.0	100	0	68.8	40-125	0			

LCS		Sample ID: <b>SLCST2-130122-67263</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/22/2013 07:13 PM</b>		
Client ID:		Run ID: <b>SV-3_130122B</b>				SeqNo: <b>3091604</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	92.15	5.0	100	0	92.1	55-120	0			
2,4,6-Trichlorophenol	86.26	5.0	100	0	86.3	55-120	0			
2,4-Dinitrotoluene	48.18	5.0	50	0	96.4	55-125	0			
Cresols, Total	227.9	15	250	0	91.1	40-120	0			
Hexachlorobenzene	47.15	5.0	50	0	94.3	55-120	0			
Hexachlorobutadiene	44.45	5.0	50	0	88.9	55-120	0			
Hexachloroethane	44.44	5.0	50	0	88.9	55-120	0			
Nitrobenzene	45.47	5.0	50	0	90.9	55-120	0			
Pentachlorophenol	95.54	5.0	100	0	95.5	50-135	0			
Pyridine	38.1	5.0	50	0	76.2	30-120	0			
<i>Surr: 2,4,6-Tribromophenol</i>	90.96	5.0	100	0	91	36-126	0			
<i>Surr: 2-Fluorobiphenyl</i>	90.39	5.0	100	0	90.4	43-125	0			
<i>Surr: 2-Fluorophenol</i>	93.87	5.0	100	0	93.9	37-125	0			
<i>Surr: 4-Terphenyl-d14</i>	94.22	5.0	100	0	94.2	32-125	0			
<i>Surr: Nitrobenzene-d5</i>	91.78	5.0	100	0	91.8	37-125	0			
<i>Surr: Phenol-d6</i>	89.46	5.0	100	0	89.5	40-125	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.



**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **67263** Instrument ID **SV-3** Method: **SW1311/8270**

LCSD		Sample ID: <b>SLCSDT2-130122-67263</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/22/2013 07:36 PM</b>		
Client ID:		Run ID: <b>SV-3_130122B</b>				SeqNo: <b>3091605</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	86.41	5.0	100	0	86.4	55-120	92.15	6.43	25	
2,4,6-Trichlorophenol	81.7	5.0	100	0	81.7	55-120	86.26	5.43	25	
2,4-Dinitrotoluene	43.79	5.0	50	0	87.6	55-125	48.18	9.55	25	
Cresols, Total	198.4	15	250	0	79.4	40-120	227.9	13.8	25	
Hexachlorobenzene	47.39	5.0	50	0	94.8	55-120	47.15	0.5	25	
Hexachlorobutadiene	43.94	5.0	50	0	87.9	55-120	44.45	1.15	25	
Hexachloroethane	42.51	5.0	50	0	85	55-120	44.44	4.44	25	
Nitrobenzene	44.31	5.0	50	0	88.6	55-120	45.47	2.59	25	
Pentachlorophenol	91.93	5.0	100	0	91.9	50-135	95.54	3.85	25	
Pyridine	35.14	5.0	50	0	70.3	30-120	38.1	8.1	25	
<i>Surr: 2,4,6-Tribromophenol</i>	83.82	5.0	100	0	83.8	36-126	90.96	8.17	25	
<i>Surr: 2-Fluorobiphenyl</i>	84.41	5.0	100	0	84.4	43-125	90.39	6.85	25	
<i>Surr: 2-Fluorophenol</i>	85.43	5.0	100	0	85.4	37-125	93.87	9.41	25	
<i>Surr: 4-Terphenyl-d14</i>	93.95	5.0	100	0	93.9	32-125	94.22	0.292	25	
<i>Surr: Nitrobenzene-d5</i>	87.75	5.0	100	0	87.8	37-125	91.78	4.49	25	
<i>Surr: Phenol-d6</i>	77.94	5.0	100	0	77.9	40-125	89.46	13.8	25	

MS		Sample ID: <b>1301542-01CMS</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/24/2013 02:14 PM</b>		
Client ID:		Run ID: <b>SV-3_130122B</b>				SeqNo: <b>3091998</b>		Prep Date: <b>1/22/2013</b>		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	82.94	5.0	100	0	82.9	55-120	0			
2,4,6-Trichlorophenol	83	5.0	100	0	83	55-120	0			
2,4-Dinitrotoluene	43.37	5.0	50	0	86.7	55-125	0			
Cresols, Total	214.6	15	250	0	85.9	40-120	0			
Hexachlorobenzene	43.27	5.0	50	0	86.5	55-120	0			
Hexachlorobutadiene	42.5	5.0	50	0	85	55-120	0			
Hexachloroethane	41.56	5.0	50	0	83.1	55-120	0			
Nitrobenzene	43.82	5.0	50	0	87.6	55-120	0			
Pentachlorophenol	59.22	5.0	100	0	59.2	50-135	0			
Pyridine	37.25	5.0	50	0	74.5	30-120	0			
<i>Surr: 2,4,6-Tribromophenol</i>	82.13	5.0	100	0	82.1	36-126	0			
<i>Surr: 2-Fluorobiphenyl</i>	86.19	5.0	100	0	86.2	43-125	0			
<i>Surr: 2-Fluorophenol</i>	83.29	5.0	100	0	83.3	37-125	0			
<i>Surr: 4-Terphenyl-d14</i>	96.14	5.0	100	0	96.1	32-125	0			
<i>Surr: Nitrobenzene-d5</i>	88.28	5.0	100	0	88.3	37-125	0			
<i>Surr: Phenol-d6</i>	83.7	5.0	100	0	83.7	40-125	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling &Analysis, 2 Frac Tanks, 400 N.Ri

**QC BATCH REPORT**

Batch ID: **67263**      Instrument ID **SV-3**      Method: **SW1311/8270**

The following samples were analyzed in this batch:

1301611-01A	1301611-04A
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**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141443** Instrument ID **VOA1** Method: **SW8260**

**MBLK** Sample ID: **VBLKW-130122-R141443** Units: **µg/L** Analysis Date: **1/22/2013 11:35 AM**  
 Client ID: Run ID: **VOA1\_130122A** SeqNo: **3087948** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	5.0								
1,1,2,2-Tetrachloroethane	ND	5.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	ND	5.0								
1,1,2-Trichloroethane	ND	5.0								
1,1-Dichloroethane	ND	5.0								
1,1-Dichloroethene	ND	5.0								
1,2,4-Trichlorobenzene	ND	5.0								
1,2-Dibromo-3-chloropropane	ND	5.0								
1,2-Dibromoethane	ND	5.0								
1,2-Dichlorobenzene	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,2-Dichloropropane	ND	5.0								
1,3-Dichlorobenzene	ND	5.0								
1,4-Dichlorobenzene	ND	5.0								
2-Butanone	ND	10								
2-Hexanone	ND	10								
4-Methyl-2-pentanone	ND	10								
Acetone	ND	10								
Benzene	ND	5.0								
Bromodichloromethane	ND	5.0								
Bromoform	ND	5.0								
Bromomethane	ND	5.0								
Carbon disulfide	ND	10								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroethane	ND	5.0								
Chloroform	ND	5.0								
Chloromethane	ND	5.0								
cis-1,2-Dichloroethene	ND	5.0								
cis-1,3-Dichloropropene	ND	5.0								
Cyclohexane	ND	5.0								
Dibromochloromethane	ND	5.0								
Dichlorodifluoromethane	ND	5.0								
Dichloromethane	ND	10								
Ethylbenzene	ND	5.0								
Isopropylbenzene	ND	5.0								
m,p-Xylene	ND	10								
Methyl acetate	ND	5.0								

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: <b>R141443</b>		Instrument ID <b>VOA1</b>		Method: <b>SW8260</b>				
Methyl tert-butyl ether	ND	5.0						
Methylcyclohexane	ND	5.0						
o-Xylene	ND	5.0						
Styrene	ND	5.0						
Tetrachloroethene	ND	5.0						
Toluene	ND	5.0						
trans-1,2-Dichloroethene	ND	5.0						
trans-1,3-Dichloropropene	ND	5.0						
Trichloroethene	ND	5.0						
Trichlorofluoromethane	ND	5.0						
Vinyl chloride	ND	2.0						
Xylenes, Total	ND	15						
<i>Surr: 1,2-Dichloroethane-d4</i>	43.5	5.0	50	0	87	70-125	0	
<i>Surr: 4-Bromofluorobenzene</i>	48.45	5.0	50	0	96.9	72-125	0	
<i>Surr: Dibromofluoromethane</i>	46.56	5.0	50	0	93.1	71-125	0	
<i>Surr: Toluene-d8</i>	44.18	5.0	50	0	88.4	75-125	0	

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141443** Instrument ID **VOA1** Method: **SW8260**

LCS				Sample ID: VLCSW-130122-R141443		Units: µg/L		Analysis Date: 1/22/2013 10:21 AM		
Client ID:		Run ID: VOA1_130122A			SeqNo: 3087947		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	53.76	5.0	50	0	108	80-120	0			
1,1,2,2-Tetrachloroethane	41.19	5.0	50	0	82.4	72-120	0			
1,1,2-Trichlor-1,2,2-trifluoroethane	52.12	5.0	50	0	104	73-123	0			
1,1,2-Trichloroethane	47.31	5.0	50	0	94.6	80-120	0			
1,1-Dichloroethane	47.45	5.0	50	0	94.9	76-120	0			
1,1-Dichloroethene	52.38	5.0	50	0	105	73-124	0			
1,2,4-Trichlorobenzene	52.68	5.0	50	0	105	80-120	0			
1,2-Dibromo-3-chloropropane	48.46	5.0	50	0	96.9	65-125	0			
1,2-Dibromoethane	48.15	5.0	50	0	96.3	80-120	0			
1,2-Dichlorobenzene	46.68	5.0	50	0	93.4	80-120	0			
1,2-Dichloroethane	49	5.0	50	0	98	78-120	0			
1,2-Dichloropropane	51.68	5.0	50	0	103	80-120	0			
1,3-Dichlorobenzene	45.98	5.0	50	0	92	80-120	0			
1,4-Dichlorobenzene	46.92	5.0	50	0	93.8	80-120	0			
2-Butanone	92.15	10	100	0	92.1	58-132	0			
2-Hexanone	83.69	10	100	0	83.7	61-130	0			
4-Methyl-2-pentanone	86.59	10	100	0	86.6	65-127	0			
Acetone	93.19	10	100	0	93.2	59-137	0			
Benzene	50.28	5.0	50	0	101	73-121	0			
Bromodichloromethane	55.84	5.0	50	0	112	80-120	0			
Bromoform	54.2	5.0	50	0	108	79-120	0			
Bromomethane	54.71	5.0	50	0	109	66-137	0			
Carbon disulfide	102.2	10	100	0	102	68-141	0			
Carbon tetrachloride	56.05	5.0	50	0	112	75-124	0			
Chlorobenzene	48.07	5.0	50	0	96.1	80-120	0			
Chloroethane	51.87	5.0	50	0	104	76-121	0			
Chloroform	50.19	5.0	50	0	100	80-120	0			
Chloromethane	44.75	5.0	50	0	89.5	67-123	0			
cis-1,2-Dichloroethene	51.46	5.0	50	0	103	78-120	0			
cis-1,3-Dichloropropene	57.34	5.0	50	0	115	80-120	0			
Cyclohexane	46.89	5.0	50	0	93.8	66-125	0			
Dibromochloromethane	51.9	5.0	50	0	104	80-120	0			
Dichlorodifluoromethane	39.99	5.0	50	0	80	63-125	0			
Dichloromethane	49.39	10	50	0	98.8	65-133	0			
Ethylbenzene	46.36	5.0	50	0	92.7	80-120	0			
Isopropylbenzene	50.82	5.0	50	0	102	80-120	0			
m,p-Xylene	96.72	10	100	0	96.7	78-121	0			
Methyl acetate	44.08	5.0	50	0	88.2	60-130	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: <b>R141443</b>		Instrument ID <b>VOA1</b>		Method: <b>SW8260</b>			
Methyl tert-butyl ether	51.61	5.0	50	0	103	73-121	0
Methylcyclohexane	57.74	5.0	50	0	115	70-122	0
o-Xylene	48.68	5.0	50	0	97.4	80-120	0
Styrene	49.63	5.0	50	0	99.3	80-120	0
Tetrachloroethene	51.63	5.0	50	0	103	79-120	0
Toluene	46.66	5.0	50	0	93.3	80-120	0
trans-1,2-Dichloroethene	54.28	5.0	50	0	109	78-120	0
trans-1,3-Dichloropropene	57.06	5.0	50	0	114	80-120	0
Trichloroethene	57.61	5.0	50	0	115	80-120	0
Trichlorofluoromethane	51.96	5.0	50	0	104	72-130	0
Vinyl chloride	50.72	2.0	50	0	101	70-127	0
Xylenes, Total	145.4	15	150	0	96.9	80-120	0
<i>Surr: 1,2-Dichloroethane-d4</i>	42.6	5.0	50	0	85.2	70-125	0
<i>Surr: 4-Bromofluorobenzene</i>	51.11	5.0	50	0	102	72-125	0
<i>Surr: Dibromofluoromethane</i>	45.8	5.0	50	0	91.6	71-125	0
<i>Surr: Toluene-d8</i>	44.3	5.0	50	0	88.6	75-125	0

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.



**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141443** Instrument ID **VOA1** Method: **SW8260**

MS	Sample ID: 1301606-01ZMS				Units: µg/L		Analysis Date: 1/22/2013 01:23 PM			
Client ID:	Run ID: VOA1_130122A				SeqNo: 3088058		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	54.71	5.0	50	0	109	80-120	0			
1,1,2,2-Tetrachloroethane	43.95	5.0	50	0	87.9	72-120	0			
1,1,2-Trichlor-1,2,2-trifluoroethane	55.34	5.0	50	0	111	73-123	0			
1,1,2-Trichloroethane	46.72	5.0	50	0	93.4	80-120	0			
1,1-Dichloroethane	50.1	5.0	50	0	100	76-120	0			
1,1-Dichloroethene	56.8	5.0	50	0	114	73-124	0			
1,2,4-Trichlorobenzene	48.04	5.0	50	0	96.1	80-120	0			
1,2-Dibromo-3-chloropropane	48.43	5.0	50	0	96.9	65-125	0			
1,2-Dibromoethane	48.71	5.0	50	0	97.4	80-120	0			
1,2-Dichlorobenzene	47.79	5.0	50	0	95.6	80-120	0			
1,2-Dichloroethane	54.63	5.0	50	0	109	78-120	0			
1,2-Dichloropropane	52.39	5.0	50	0	105	80-120	0			
1,3-Dichlorobenzene	45.26	5.0	50	0	90.5	80-120	0			
1,4-Dichlorobenzene	45.49	5.0	50	0	91	80-120	0			
2-Butanone	99.81	10	100	0	99.8	58-132	0			
2-Hexanone	95.31	10	100	0	95.3	61-130	0			
4-Methyl-2-pentanone	98.92	10	100	0	98.9	65-127	0			
Acetone	87.68	10	100	0	87.7	59-137	0			
Benzene	54.45	5.0	50	0	109	73-121	0			
Bromodichloromethane	55.44	5.0	50	0	111	80-120	0			
Bromoform	54.24	5.0	50	0	108	79-120	0			
Bromomethane	58.06	5.0	50	0	116	66-137	0			
Carbon disulfide	106.6	10	100	0	107	68-141	0			
Carbon tetrachloride	58.31	5.0	50	0	117	75-124	0			
Chlorobenzene	46.47	5.0	50	0	92.9	80-120	0			
Chloroethane	54.39	5.0	50	0	109	76-121	0			
Chloroform	51.9	5.0	50	0	104	80-120	0			
Chloromethane	48.89	5.0	50	0	97.8	67-123	0			
cis-1,2-Dichloroethene	54.22	5.0	50	0	108	78-120	0			
cis-1,3-Dichloropropene	59.03	5.0	50	0	118	80-120	0			
Cyclohexane	49.97	5.0	50	0	99.9	66-125	0			
Dibromochloromethane	51.96	5.0	50	0	104	80-120	0			
Dichlorodifluoromethane	47.84	5.0	50	0	95.7	63-125	0			
Dichloromethane	54.67	10	50	0	109	65-133	0			
Ethylbenzene	46.59	5.0	50	0	93.2	80-120	0			
Isopropylbenzene	46.68	5.0	50	0	93.4	80-120	0			
m,p-Xylene	94.44	10	100	0	94.4	78-121	0			
Methyl acetate	49.02	5.0	50	0	98	60-130	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: <b>R141443</b>		Instrument ID <b>VOA1</b>		Method: <b>SW8260</b>				
Methyl tert-butyl ether	58.49	5.0	50	0	117	73-121	0	
Methylcyclohexane	43.57	5.0	50	0	87.1	70-122	0	
o-Xylene	45.37	5.0	50	0	90.7	80-120	0	
Styrene	18.39	5.0	50	0	36.8	80-120	0	S
Tetrachloroethene	46.59	5.0	50	0	93.2	79-120	0	
Toluene	44.9	5.0	50	0	89.8	80-120	0	
trans-1,2-Dichloroethene	55.67	5.0	50	0	111	78-120	0	
trans-1,3-Dichloropropene	61.82	5.0	50	0	124	80-120	0	S
Trichloroethene	60.06	5.0	50	0	120	80-120	0	S
Trichlorofluoromethane	56.56	5.0	50	0	113	72-130	0	
Vinyl chloride	51.58	2.0	50	0	103	70-127	0	
Xylenes, Total	139.8	15	150	0	93.2	80-120	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	43.91	5.0	50	0	87.8	70-125	0	
<i>Surr: 4-Bromofluorobenzene</i>	37.51	5.0	50	0	75	72-125	0	
<i>Surr: Dibromofluoromethane</i>	47.49	5.0	50	0	95	71-125	0	
<i>Surr: Toluene-d8</i>	42.36	5.0	50	0	84.7	75-125	0	

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141443** Instrument ID **VOA1** Method: **SW8260**

MSD		Sample ID: <b>1301606-01ZMSD</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/22/2013 01:48 PM</b>		
Client ID:		Run ID: <b>VOA1_130122A</b>				SeqNo: <b>3088059</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	54.4	5.0	50	0	109	80-120	54.71	0.572	20	
1,1,2,2-Tetrachloroethane	43.64	5.0	50	0	87.3	72-120	43.95	0.711	20	
1,1,2-Trichlor-1,2,2-trifluoroethane	52.76	5.0	50	0	106	73-123	55.34	4.77	20	
1,1,2-Trichloroethane	46.66	5.0	50	0	93.3	80-120	46.72	0.123	20	
1,1-Dichloroethane	48.77	5.0	50	0	97.5	76-120	50.1	2.69	20	
1,1-Dichloroethene	54.73	5.0	50	0	109	73-124	56.8	3.71	20	
1,2,4-Trichlorobenzene	47.85	5.0	50	0	95.7	80-120	48.04	0.392	20	
1,2-Dibromo-3-chloropropane	53.4	5.0	50	0	107	65-125	48.43	9.77	20	
1,2-Dibromoethane	45.59	5.0	50	0	91.2	80-120	48.71	6.62	20	
1,2-Dichlorobenzene	45.16	5.0	50	0	90.3	80-120	47.79	5.68	20	
1,2-Dichloroethane	47.76	5.0	50	0	95.5	78-120	54.63	13.4	20	
1,2-Dichloropropane	46.66	5.0	50	0	93.3	80-120	52.39	11.6	20	
1,3-Dichlorobenzene	44.02	5.0	50	0	88	80-120	45.26	2.79	20	
1,4-Dichlorobenzene	45.39	5.0	50	0	90.8	80-120	45.49	0.212	20	
2-Butanone	102	10	100	0	102	58-132	99.81	2.12	20	
2-Hexanone	97.45	10	100	0	97.4	61-130	95.31	2.22	20	
4-Methyl-2-pentanone	100.9	10	100	0	101	65-127	98.92	1.98	20	
Acetone	92.37	10	100	0	92.4	59-137	87.68	5.21	20	
Benzene	47.23	5.0	50	0	94.5	73-121	54.45	14.2	20	
Bromodichloromethane	50.89	5.0	50	0	102	80-120	55.44	8.56	20	
Bromoform	53.13	5.0	50	0	106	79-120	54.24	2.08	20	
Bromomethane	58.43	5.0	50	0	117	66-137	58.06	0.643	20	
Carbon disulfide	106.8	10	100	0	107	68-141	106.6	0.197	20	
Carbon tetrachloride	50.73	5.0	50	0	101	75-124	58.31	13.9	20	
Chlorobenzene	45.89	5.0	50	0	91.8	80-120	46.47	1.25	20	
Chloroethane	54.6	5.0	50	0	109	76-121	54.39	0.376	20	
Chloroform	50.65	5.0	50	0	101	80-120	51.9	2.45	20	
Chloromethane	48.33	5.0	50	0	96.7	67-123	48.89	1.14	20	
cis-1,2-Dichloroethene	54.16	5.0	50	0	108	78-120	54.22	0.106	20	
cis-1,3-Dichloropropene	52.36	5.0	50	0	105	80-120	59.03	12	20	
Cyclohexane	48.67	5.0	50	0	97.3	66-125	49.97	2.63	20	
Dibromochloromethane	50.04	5.0	50	0	100	80-120	51.96	3.77	20	
Dichlorodifluoromethane	46.32	5.0	50	0	92.6	63-125	47.84	3.24	20	
Dichloromethane	54.67	10	50	0	109	65-133	54.67	0.00627	20	
Ethylbenzene	44.68	5.0	50	0	89.4	80-120	46.59	4.19	20	
Isopropylbenzene	46.72	5.0	50	0	93.4	80-120	46.68	0.0846	20	
m,p-Xylene	91.9	10	100	0	91.9	78-121	94.44	2.73	20	
Methyl acetate	48.82	5.0	50	0	97.6	60-130	49.02	0.413	20	

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: <b>R141443</b>		Instrument ID <b>VOA1</b>		Method: <b>SW8260</b>						
Methyl tert-butyl ether	64.85	5.0	50	0	130	73-121	58.49	10.3	20	S
Methylcyclohexane	56.38	5.0	50	0	113	70-122	43.57	25.6	20	R
o-Xylene	44.77	5.0	50	0	89.5	80-120	45.37	1.33	20	
Styrene	24.76	5.0	50	0	49.5	80-120	18.39	29.5	20	SR
Tetrachloroethene	46.75	5.0	50	0	93.5	79-120	46.59	0.333	20	
Toluene	45.59	5.0	50	0	91.2	80-120	44.9	1.53	20	
trans-1,2-Dichloroethene	53.79	5.0	50	0	108	78-120	55.67	3.44	20	
trans-1,3-Dichloropropene	55.7	5.0	50	0	111	80-120	61.82	10.4	20	
Trichloroethene	53.41	5.0	50	0	107	80-120	60.06	11.7	20	
Trichlorofluoromethane	54.85	5.0	50	0	110	72-130	56.56	3.06	20	
Vinyl chloride	50.19	2.0	50	0	100	70-127	51.58	2.72	20	
Xylenes, Total	136.7	15	150	0	91.1	80-120	139.8	2.28	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	45.6	5.0	50	0	91.2	70-125	43.91	3.76	20	
<i>Surr: 4-Bromofluorobenzene</i>	48.41	5.0	50	0	96.8	72-125	37.51	25.4	20	R
<i>Surr: Dibromofluoromethane</i>	47.8	5.0	50	0	95.6	71-125	47.49	0.653	20	
<i>Surr: Toluene-d8</i>	44.65	5.0	50	0	89.3	75-125	42.36	5.26	20	

The following samples were analyzed in this batch:

1301611-05A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141577** Instrument ID **VOA1** Method: **SW1311/8260B**

MBLK		Sample ID: <b>VBLKW-130124-R141577</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/24/2013 12:11 PM</b>		
Client ID:		Run ID: <b>VOA1_130124A</b>				SeqNo: <b>3090781</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,4-Dichlorobenzene	ND	5.0								
2-Butanone	ND	10								
Benzene	ND	5.0								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroform	ND	5.0								
Tetrachloroethene	ND	5.0								
Trichloroethene	ND	5.0								
Vinyl chloride	ND	2.0								
<i>Surr: 1,2-Dichloroethane-d4</i>										
	45.36	5.0	50	0	90.7	70-125	0			
<i>Surr: 4-Bromofluorobenzene</i>										
	50.58	5.0	50	0	101	72.4-125	0			
<i>Surr: Dibromofluoromethane</i>										
	48.23	5.0	50	0	96.5	71.2-125	0			
<i>Surr: Toluene-d8</i>										
	42.28	5.0	50	0	84.6	75-125	0			

MBLK		Sample ID: <b>MBLKV1-130122-R141577</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/24/2013 12:35 PM</b>		
Client ID:		Run ID: <b>VOA1_130124A</b>				SeqNo: <b>3090782</b>		Prep Date: <b>1/22/2013</b>		DF: <b>20</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	100								
1,2-Dichloroethane	ND	100								
1,4-Dichlorobenzene	ND	100								
2-Butanone	ND	200								
Benzene	ND	100								
Carbon tetrachloride	ND	100								
Chlorobenzene	ND	100								
Chloroform	ND	100								
Tetrachloroethene	ND	100								
Trichloroethene	ND	100								
Vinyl chloride	ND	40								
<i>Surr: 1,2-Dichloroethane-d4</i>										
	868.5	100	1000	0	86.9	70-125	0			
<i>Surr: 4-Bromofluorobenzene</i>										
	984.4	100	1000	0	98.4	72.4-125	0			
<i>Surr: Dibromofluoromethane</i>										
	929.8	100	1000	0	93	71.2-125	0			
<i>Surr: Toluene-d8</i>										
	881.9	100	1000	0	88.2	75-125	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141577** Instrument ID **VOA1** Method: **SW1311/8260B**

LCS		Sample ID: <b>VLCSW-130124-R141577</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/24/2013 01:24 PM</b>		
Client ID:		Run ID: <b>VOA1_130124A</b>				SeqNo: <b>3090780</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.48	5.0	50	0	111	73-124	0			
1,2-Dichloroethane	49.75	5.0	50	0	99.5	76-120	0			
1,4-Dichlorobenzene	47.04	5.0	50	0	94.1	70-130	0			
2-Butanone	99.26	10	100	0	99.3	70-130	0			
Benzene	50.84	5.0	50	0	102	70-128	0			
Carbon tetrachloride	56.21	5.0	50	0	112	70-130	0			
Chlorobenzene	48.65	5.0	50	0	97.3	72-127	0			
Chloroform	52.87	5.0	50	0	106	70-130	0			
Tetrachloroethene	49.99	5.0	50	0	100	70-130	0			
Trichloroethene	55.47	5.0	50	0	111	72-129	0			
Vinyl chloride	54.73	2.0	50	0	109	70-130	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	44.55	5.0	50	0	89.1	70-125	0			
<i>Surr: 4-Bromofluorobenzene</i>	51.95	5.0	50	0	104	72-125	0			
<i>Surr: Dibromofluoromethane</i>	50.48	5.0	50	0	101	71-125	0			
<i>Surr: Toluene-d8</i>	41.68	5.0	50	0	83.4	75-125	0			

MS		Sample ID: <b>1301671-01AMS</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/24/2013 01:49 PM</b>		
Client ID:		Run ID: <b>VOA1_130124A</b>				SeqNo: <b>3090823</b>		Prep Date:		DF: <b>20</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	1079	100	1000	0	108	73-124	0			
1,2-Dichloroethane	1007	100	1000	0	101	76-120	0			
1,4-Dichlorobenzene	904.4	100	1000	0	90.4	70-130	0			
2-Butanone	2006	200	2000	0	100	70-130	0			
Benzene	1006	100	1000	0	101	70-128	0			
Carbon tetrachloride	1083	100	1000	0	108	70-130	0			
Chlorobenzene	936.6	100	1000	0	93.7	72-127	0			
Chloroform	993.8	100	1000	0	99.4	70-130	0			
Tetrachloroethene	961.8	100	1000	0	96.2	70-130	0			
Trichloroethene	1095	100	1000	0	109	72-129	0			
Vinyl chloride	1081	40	1000	0	108	70-130	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	878.5	100	1000	0	87.8	70-125	0			
<i>Surr: 4-Bromofluorobenzene</i>	1057	100	1000	0	106	72-125	0			
<i>Surr: Dibromofluoromethane</i>	939.3	100	1000	0	93.9	71-125	0			
<i>Surr: Toluene-d8</i>	874.3	100	1000	0	87.4	75-125	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.



**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141577**      Instrument ID **VOA1**      Method: **SW1311/8260B**

MSD				Sample ID: <b>1301671-01AMSD</b>			Units: <b>µg/L</b>		Analysis Date: <b>1/24/2013 02:14 PM</b>	
Client ID:				Run ID: <b>VOA1_130124A</b>			SeqNo: <b>3090824</b>		Prep Date:	
									DF: <b>20</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	1007	100	1000	0	101	73-124	1079	6.94	20	
1,2-Dichloroethane	1012	100	1000	0	101	76-120	1007	0.489	20	
1,4-Dichlorobenzene	884.8	100	1000	0	88.5	70-130	904.4	2.19	20	
2-Butanone	1996	200	2000	0	99.8	70-130	2006	0.522	20	
Benzene	1035	100	1000	0	103	70-128	1006	2.78	20	
Carbon tetrachloride	1078	100	1000	0	108	70-130	1083	0.432	20	
Chlorobenzene	912	100	1000	0	91.2	72-127	936.6	2.66	20	
Chloroform	982.4	100	1000	0	98.2	70-130	993.8	1.15	20	
Tetrachloroethene	942.8	100	1000	0	94.3	70-130	961.8	2	20	
Trichloroethene	1107	100	1000	0	111	72-129	1095	1.14	20	
Vinyl chloride	1021	40	1000	0	102	70-130	1081	5.74	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	869.9	100	1000	0	87	70-125	878.5	0.981	20	
<i>Surr: 4-Bromofluorobenzene</i>	1023	100	1000	0	102	72-125	1057	3.26	20	
<i>Surr: Dibromofluoromethane</i>	930.7	100	1000	0	93.1	71-125	939.3	0.92	20	
<i>Surr: Toluene-d8</i>	888.6	100	1000	0	88.9	75-125	874.3	1.61	20	

The following samples were analyzed in this batch:

1301611-01A	1301611-02A	1301611-03A
1301611-04A		

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141648**      Instrument ID **VOA1**      Method: **SW1311/8260B**

<b>MBLK</b>	Sample ID: <b>VBLKW-130125-R141648</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/25/2013 11:28 AM</b>			
Client ID:	Run ID: <b>VOA1_130125C</b>				SeqNo: <b>3092125</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	5.0								
<i>Surr: 1,2-Dichloroethane-d4</i>	45.09	5.0	50	0	90.2	70-125	0			
<i>Surr: 4-Bromofluorobenzene</i>	50.92	5.0	50	0	102	72.4-125	0			
<i>Surr: Dibromofluoromethane</i>	49.21	5.0	50	0	98.4	71.2-125	0			
<i>Surr: Toluene-d8</i>	45.72	5.0	50	0	91.4	75-125	0			

<b>MBLK</b>	Sample ID: <b>MBLKV1-130123-R141648</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/25/2013 03:11 PM</b>			
Client ID:	Run ID: <b>VOA1_130125C</b>				SeqNo: <b>3092471</b>		Prep Date: <b>1/23/2013</b>		DF: <b>20</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	100								
<i>Surr: 1,2-Dichloroethane-d4</i>	868.5	100	1000	0	86.9	70-125	0			
<i>Surr: 4-Bromofluorobenzene</i>	1010	100	1000	0	101	72.4-125	0			
<i>Surr: Dibromofluoromethane</i>	933.2	100	1000	0	93.3	71.2-125	0			
<i>Surr: Toluene-d8</i>	854.8	100	1000	0	85.5	75-125	0			

<b>LCS</b>	Sample ID: <b>VLCSW-130125-R141648</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/25/2013 10:14 AM</b>			
Client ID:	Run ID: <b>VOA1_130125C</b>				SeqNo: <b>3092124</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	52.55	5.0	50	0	105	70-128	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	43.98	5.0	50	0	88	70-125	0			
<i>Surr: 4-Bromofluorobenzene</i>	49.39	5.0	50	0	98.8	72-125	0			
<i>Surr: Dibromofluoromethane</i>	47.61	5.0	50	0	95.2	71-125	0			
<i>Surr: Toluene-d8</i>	40.77	5.0	50	0	81.5	75-125	0			

<b>MS</b>	Sample ID: <b>1301750-09ZMS</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/25/2013 01:32 PM</b>			
Client ID:	Run ID: <b>VOA1_130125C</b>				SeqNo: <b>3092129</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	52.69	5.0	50	0	105	70-128	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	45.02	5.0	50	0	90	70-125	0			
<i>Surr: 4-Bromofluorobenzene</i>	52.31	5.0	50	0	105	72-125	0			
<i>Surr: Dibromofluoromethane</i>	49.04	5.0	50	0	98.1	71-125	0			
<i>Surr: Toluene-d8</i>	44.5	5.0	50	0	89	75-125	0			

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141648** Instrument ID **VOA1** Method: **SW1311/8260B**

<b>MSD</b>		Sample ID: <b>1301750-09ZMSD</b>				Units: <b>µg/L</b>		Analysis Date: <b>1/25/2013 01:57 PM</b>		
Client ID:		Run ID: <b>VOA1_130125C</b>				SeqNo: <b>3092131</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	50.78	5.0	50	0	102	70-128	52.69	3.7	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	42.29	5.0	50	0	84.6	70-125	45.02	6.27	20	
<i>Surr: 4-Bromofluorobenzene</i>	53.18	5.0	50	0	106	72-125	52.31	1.64	20	
<i>Surr: Dibromofluoromethane</i>	47.73	5.0	50	0	95.5	71-125	49.04	2.7	20	
<i>Surr: Toluene-d8</i>	44.29	5.0	50	0	88.6	75-125	44.5	0.474	20	

The following samples were analyzed in this batch:

1301611-04A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141470** Instrument ID **WetChem** Method: **SM4500H+ B (Dissolve)**

<b>LCS</b>		Sample ID: <b>WLCSW1-R141470</b>				Units: <b>pH Units</b>		Analysis Date: <b>1/22/2013</b>		
Client ID:		Run ID: <b>WETCHEM_130122G</b>				SeqNo: <b>3088357</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.01	0.10	6	0	100	90-110	0			

<b>DUP</b>		Sample ID: <b>1301664-01HDUP</b>				Units: <b>pH Units</b>		Analysis Date: <b>1/22/2013</b>		
Client ID:		Run ID: <b>WETCHEM_130122G</b>				SeqNo: <b>3088370</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.77	0.10	0	0	0	0-0	7.74	0.387	20	

The following samples were analyzed in this batch:

1301611-02A	1301611-03A
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**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141519** Instrument ID **WetChem** Method: **SW1010** (**Dissolve**)

**LCS** Sample ID: **WLCSW1-130123-R141519** Units: **°F** Analysis Date: **1/23/2013 10:00 AM**

Client ID: Run ID: **WETCHEM\_130123D** SeqNo: **3089522** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ignitability	85	50	84	0	101	80-120	0			

**DUP** Sample ID: **1301622-01ADUP** Units: **°F** Analysis Date: **1/23/2013 10:00 AM**

Client ID: Run ID: **WETCHEM\_130123D** SeqNo: **3089528** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ignitability	ND	50	0	0	0	0-0	0	0	25	

The following samples were analyzed in this batch:

1301611-02A 1301611-03A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling &Analysis, 2 Frac Tanks, 400 N.Ri

**QC BATCH REPORT**

Batch ID: **R141567**      Instrument ID **WetChem**      Method: **SW1030**      **(Dissolve)**

**DUP**      Sample ID: **1301633-01ADUP**      Units: **Burn Rate, mm/se**      Analysis Date: **1/24/2013 10:00 AM**  
Client ID:      Run ID: **WETCHEM\_130124B**      SeqNo: **3090636**      Prep Date:      DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ignitability, Solid	ND	0	0	0	0		0	0	25	

**The following samples were analyzed in this batch:**      1301611-01A      1301611-04A



**Client:** Effective Environmental Inc.  
**Work Order:** 1301611  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ri

## QC BATCH REPORT

Batch ID: **R141568** Instrument ID **WetChem** Method: **SW9045B** (**Dissolve**)

**LCS** Sample ID: **WLCSS1-130124-R141568** Units: **pH Units** Analysis Date: **1/24/2013 11:00 AM**

Client ID: Run ID: **WETCHEM\_130124C** SeqNo: **3090656** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.01	0.10	6	0	100	90-110	0			

**DUP** Sample ID: **1301705-02ADUP** Units: **pH Units** Analysis Date: **1/24/2013 11:00 AM**

Client ID: Run ID: **WETCHEM\_130124C** SeqNo: **3090665** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.53	0.10	0	0	0	0-0	7.56	0.398	20	

The following samples were analyzed in this batch:

1301611-01A	1301611-04A
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**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Project:** USOR Sampling & Analysis, 2 Frac Tanks, 400 N.Ricky  
**WorkOrder:** 1301611

## **QUALIFIERS, ACRONYMS, UNITS**

<b><u>Qualifier</u></b>	<b><u>Description</u></b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<b><u>Acronym</u></b>	<b><u>Description</u></b>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

<b><u>Units Reported</u></b>	<b><u>Description</u></b>
°F	Fahrenheit degrees
µg/L	Micrograms per Liter
Burn Rate, mm/sec	
mg/Kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
pH Units	

## Sample Receipt Checklist

Client Name: **EFFECTIVE ENV-HOU**

Date/Time Received: **18-Jan-13 15:00**

Work Order: **1301611**

Received by: **PS**

Checklist completed by Rishel D. Naran  
eSignature

19-Jan-13  
Date

Reviewed by: Bernadette D. Fini  
eSignature

21-Jan-13  
Date

Matrices: **SLUDGE AND WATER**

Carrier name: **ALS.HS**

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>0.4C U/C</u> <u>005</u>		
Cooler(s)/Kit(s):	<u>4049</u>		
Date/Time sample(s) sent to storage:	<u>1/18/13 09:14</u>		
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted by:	<u>-</u>		
Login Notes:			

Client Contacted:

Date Contacted:

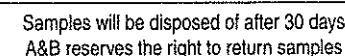
Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:



CUSTODY SEAL		Seal Broken By:
Date: 1/18/13	Time: 3:00 P.M.	JST Date: 1/18/13
Name: HIREN SHAH		
Company: EFFECTIVE ENV.		



1301611

**Client:** ALS Environmental  
**Project:** 1301611  
**Work Order:** 1301628

## Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1301628-01	1301611-01B	Sludge		1/17/2013 09:56	1/22/2013 10:00	<input type="checkbox"/>
1301628-02	1301611-02B	Water		1/17/2013 14:28	1/22/2013 10:00	<input type="checkbox"/>
1301628-03	1301611-03B	Water		1/17/2013 14:46	1/22/2013 10:00	<input type="checkbox"/>
1301628-04	1301611-04B	Sludge		1/17/2013 15:16	1/22/2013 10:00	<input type="checkbox"/>



**Client:** ALS Environmental  
**Project:** 1301611  
**WorkOrder:** 1301628

## **QUALIFIERS, ACRONYMS, UNITS**

<b><u>Qualifier</u></b>	<b><u>Description</u></b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<b><u>Acronym</u></b>	<b><u>Description</u></b>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
SQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

<b><u>Units Reported</u></b>	<b><u>Description</u></b>
mg/Kg	Milligrams per Kilogram

# ALS Group USA, Corp

Date: 24-Jan-13

**Client:** ALS Environmental  
**Project:** 1301611

**Work Order:** 1301628

**Lab ID:** 1301628-01A  
**Client Sample ID:** 1301611-01B

**Collection Date:** 1/17/2013 9:56:00 AM  
**Matrix:** SLUDGE

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>CYANIDE, REACTIVE</b> Cyanide, Reactive	ND		<b>SW7.3.3.2</b> 40.0	mg/Kg	1	Analyst: <b>EE</b> 1/24/2013 09:00 AM
<b>SULFIDE, REACTIVE</b> Sulfide, Reactive	ND		<b>SW7.3.4.2</b> 40.0	mg/Kg	1	Analyst: <b>EE</b> 1/24/2013 09:00 AM

**Lab ID:** 1301628-02A  
**Client Sample ID:** 1301611-02B

**Collection Date:** 1/17/2013 2:28:00 PM  
**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>CYANIDE, REACTIVE</b> Cyanide, Reactive	ND		<b>SW7.3.3.2</b> 40.0	mg/Kg	1	Analyst: <b>EE</b> 1/24/2013 09:00 AM
<b>SULFIDE, REACTIVE</b> Sulfide, Reactive	ND		<b>SW7.3.4.2</b> 40.0	mg/Kg	1	Analyst: <b>EE</b> 1/24/2013 09:00 AM

**Lab ID:** 1301628-03A  
**Client Sample ID:** 1301611-03B

**Collection Date:** 1/17/2013 2:46:00 PM  
**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>CYANIDE, REACTIVE</b> Cyanide, Reactive	ND		<b>SW7.3.3.2</b> 40.0	mg/Kg	1	Analyst: <b>EE</b> 1/24/2013 09:00 AM
<b>SULFIDE, REACTIVE</b> Sulfide, Reactive	ND		<b>SW7.3.4.2</b> 40.0	mg/Kg	1	Analyst: <b>EE</b> 1/24/2013 09:00 AM

**Lab ID:** 1301628-04A  
**Client Sample ID:** 1301611-04B

**Collection Date:** 1/17/2013 3:16:00 PM  
**Matrix:** SLUDGE

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>CYANIDE, REACTIVE</b> Cyanide, Reactive	ND		<b>SW7.3.3.2</b> 40.0	mg/Kg	1	Analyst: <b>EE</b> 1/24/2013 09:00 AM
<b>SULFIDE, REACTIVE</b> Sulfide, Reactive	ND		<b>SW7.3.4.2</b> 40.0	mg/Kg	1	Analyst: <b>EE</b> 1/24/2013 09:00 AM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**Client:** ALS Environmental  
**Work Order:** 1301628  
**Project:** 1301611

# QC BATCH REPORT

Batch ID: **R115466** Instrument ID **WETCHEM** Method: **SW7.3.4.2**

<b>MBLK</b>	Sample ID: <b>WBLKW1-012413-R115466</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>1/24/2013 09:00 AM</b>			
Client ID:	Run ID: <b>WETCHEM_130124G</b>				SeqNo: <b>2200683</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Sulfide, Reactive ND 40

The following samples were analyzed in this batch:

1301628-01A	1301628-02A	1301628-03A
1301628-04A		

Client: ALS Environmental  
 Work Order: 1301628  
 Project: 1301611

## QC BATCH REPORT

Batch ID: **R115468** Instrument ID **WETCHEM** Method: **SW7.3.3.2**

<b>MBLK</b>	Sample ID: <b>WBLKW1-012413-R115468</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>1/24/2013 09:00 AM</b>		
Client ID:	Run ID: <b>WETCHEM_130124I</b>				SeqNo: <b>2200711</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Cyanide, Reactive ND 40

<b>LCS</b>	Sample ID: <b>WLCSW1-012413-R115468</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>1/24/2013 09:00 AM</b>		
Client ID:	Run ID: <b>WETCHEM_130124I</b>				SeqNo: <b>2200712</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Cyanide, Reactive 234.9 40 250 0 94 75-125 0

<b>MS</b>	Sample ID: <b>1301627-01A MS</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>1/24/2013 09:00 AM</b>		
Client ID:	Run ID: <b>WETCHEM_130124I</b>				SeqNo: <b>2200717</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Cyanide, Reactive 223.2 40 250 0 89.3 50-150 0

<b>MSD</b>	Sample ID: <b>1301627-01A MSD</b>					Units: <b>mg/Kg</b>		Analysis Date: <b>1/24/2013 09:00 AM</b>		
Client ID:	Run ID: <b>WETCHEM_130124I</b>				SeqNo: <b>2200718</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Cyanide, Reactive 223.2 40 250 0 89.3 50-150 223.2 0 35

The following samples were analyzed in this batch:

1301628-01A	1301628-02A	1301628-03A
1301628-04A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

1301628

**Subcontractor:**

ALS Laboratory Group  
3352 128th Ave.

Holland, MI 49424

TEL: (616) 399-6070

FAX: (616) 399-6185

Acct #:

**CHAIN-OF-CUSTODY RECORD**

Page 1 of 1

Date: 19-Jan-13COC ID: 13120Due Date 24-Jan-13**Salesperson**

Anna M. Nocera

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order		Project Name	1301611	A	Reactive Cyanide (SW-846)										
Work Order		Project Number		B	Reactive Cyanide (SW-846)										
Company Name	ALS Group USA, Corp.	Bill To Company	ALS Group USA, Corp.	C	Reactive Sulfide (SW-846)										
Send Report To	Bethany McDaniel	Inv Attn	Accounts Payable	D	Reactive Sulfide (SW-846)										
Address	10450 Stancliff Rd, Suite 210	Address	10450 Stancliff Rd, Suite 210	E											
				F											
City/State/Zip	Houston, Texas 77099-4338	City/State/Zip	Houston, Texas 77099-4338	G											
Phone	(281) 530-5656	Phone	(281) 530-5656	H											
Fax	(281) 530-5887	Fax	(281) 530-5887	I											
eMail Address	bethany.agarwal@alsglobal.com	eMail CC		J											

Sample ID	Matrix	Collection Date 24hr	Bottle	A	B	C	D	E	F	G	H	I	J
1301611-01B (VB122084&VB25306-Vacuum Box)	Sludge	17/Jan/2013 9:56	(1) 4OZGNEAT	X		X							
1301611-02B (FT-A5596C (NEW))	Water	17/Jan/2013 14:28	(1) 4OZGNEAT		X		X						
1301611-03B (FT-A5596C (NEW) DUPLICATE)	Water	17/Jan/2013 14:46	(1) 4OZGNEAT		X		X						
1301611-04B (FT-A1475B (OLD))	Sludge	17/Jan/2013 15:16	(1) 4OZGNEAT	X		X							

**Comments:**

Please analysis for reactive sulfide and reactive cyanide. Email results to [bethany.mcdaniel@alsglobal.com](mailto:bethany.mcdaniel@alsglobal.com) and CC [jumoke.lawal@alsglobal.com](mailto:jumoke.lawal@alsglobal.com)

Relinquished by:	Date/Time: 1.21.13 1800	Received by:	Date/Time: 1/22/13 1000	Cooler IDs	Report/QC Level
Relinquished by:	Date/Time:	Received by:	Date/Time:		Std:

4.0%

Sample Receipt Checklist

Client Name: **ALS - HOUSTON**

Date/Time Received: **22-Jan-13 10:00**

Work Order: **1301628**

Received by: **DS**

Checklist completed by *Diane Shaw* 22-Jan-13  
eSignature Date

Reviewed by: *Bill Carey* 22-Jan-13  
eSignature Date

Matrices: **Sludge, Water**

Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>4.0 c</u>		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	<u>1/22/2013 12:53:57 PM</u>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:			
Login Notes:			

-----

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:



ORIGIN ID: SGRA (281) 530-5656  
SHIPPING DEPT  
ALS LABORATORY GROUP  
10450 STANCLIFF  
SUITE 210  
HOUSTON, TX 77099  
UNITED STATES US

SHIP DATE: 21JAN13  
ACTWST: 28.2 LB  
CAD: 300130/CAFE2606

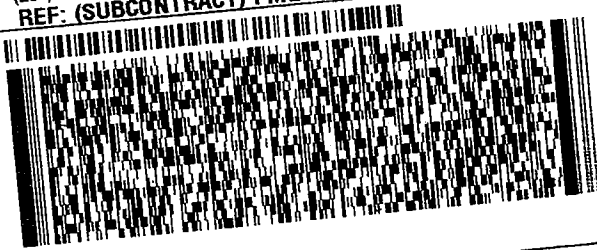
BILL SENDER

TO JEFF GLASER  
ALS ENVIRONMENTAL  
3352 128TH AVE.

HOLLAND MI 49424

(281) 530-5656

REF: (SUBCONTRACT) PMG



FedEx  
Express



TUE - 22 JAN  
PRIORITY OVERNIGHT

TRK# 4340 2173 8787  
0201

NA GRRRA

49424

MI-US GRF



Part # 150140-434 R172 04/12

ALS Environmental  
10450 Stancliff Rd., Suite 210  
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Fax: 281 530 5687

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www.alsglobal.com

May 19, 2014

Hiren Shah  
Effective Environmental Inc.  
9950 Chemical Road  
Pasadena, TX 77507

Work Order: **HS14050345**

Laboratory Results for: **Frac Tank Cleaning RC4-2012-14**

Dear Hiren,

ALS Environmental received 1 sample(s) on May 08, 2014 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

A handwritten signature in cursive script that reads "Kristin Brown".

Generated By: Ana.Spencer  
Kristin M Brown  
Project Manager

**Client:** Effective Environmental Inc.  
**Project:** Frac Tank Cleaning RC4-2012-14  
**Work Order:** HS14050345

**SAMPLE SUMMARY**

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS14050345-01	Frac Tank #A1475-Rinse Water	Liquid		02-May-2014 10:30	08-May-2014 12:55	<input type="checkbox"/>

---

**Client:** Effective Environmental Inc.  
**Project:** Frac Tank Cleaning RC4-2012-14  
**Work Order:** HS14050345

---

**CASE NARRATIVE**

Batch 81818, Semi-Volatile Organics, Method 1311, Sample HS14050345-01: The MS and/or MSD recovery was above the upper control limit for 2,4-Dinitrotoluene. The associated LCS/LCSD were within the control limits.

Sample received outside method holding time for pH. pH is an immediate test. Sample results are flagged with an "H" qualifier.

The analyses for Reactive Cyanide and Reactive Sulfide were subcontracted to ALS Environmental in Holland, MI.

Client: Effective Environmental Inc.  
 Project: Frac Tank Cleaning RC4-2012-14  
 Sample ID: Frac Tank #A1475-Rinse Water  
 Collection Date: 02-May-2014 10:30

**ANALYTICAL REPORT**

WorkOrder:HS14050345  
 Lab ID:HS14050345-01  
 Matrix:Liquid

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TCLP VOLATILES</b>						
	<b>Method:SW1311/8260B</b>		Leache:SW1311 / 09-May-2014	Prep:SW1311 / 09-May-2014	Analyst: HV	
1,1-Dichloroethene	ND		0.10	mg/L	20	15-May-2014 14:04
1,2-Dichloroethane	ND		0.10	mg/L	20	15-May-2014 14:04
1,4-Dichlorobenzene	ND		0.10	mg/L	20	15-May-2014 14:04
2-Butanone	ND		0.20	mg/L	20	15-May-2014 14:04
<b>Benzene</b>	<b>0.26</b>		<b>0.10</b>	<b>mg/L</b>	20	15-May-2014 14:04
Carbon tetrachloride	ND		0.10	mg/L	20	15-May-2014 14:04
Chlorobenzene	ND		0.10	mg/L	20	15-May-2014 14:04
Chloroform	ND		0.10	mg/L	20	15-May-2014 14:04
Tetrachloroethene	ND		0.10	mg/L	20	15-May-2014 14:04
Trichloroethene	ND		0.10	mg/L	20	15-May-2014 14:04
Vinyl chloride	ND		0.040	mg/L	20	15-May-2014 14:04
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>109</i>		<i>70-125</i>	<i>%REC</i>	<i>20</i>	<i>15-May-2014 14:04</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>102</i>		<i>72-125</i>	<i>%REC</i>	<i>20</i>	<i>15-May-2014 14:04</i>
<i>Surr: Dibromofluoromethane</i>	<i>108</i>		<i>71-125</i>	<i>%REC</i>	<i>20</i>	<i>15-May-2014 14:04</i>
<i>Surr: Toluene-d8</i>	<i>94.7</i>		<i>75-125</i>	<i>%REC</i>	<i>20</i>	<i>15-May-2014 14:04</i>
<b>TCLP SEMIVOLATILES</b>						
	<b>Method:SW1311/8270</b>		Leache:SW1311 / 09-May-2014	Prep:SW3510 / 09-May-2014	Analyst: JLJ	
2,4,5-Trichlorophenol	ND		0.014	mg/L	1	12-May-2014 14:04
2,4,6-Trichlorophenol	ND		0.014	mg/L	1	12-May-2014 14:04
2,4-Dinitrotoluene	ND		0.014	mg/L	1	12-May-2014 14:04
<b>Cresols, Total</b>	<b>0.80</b>		<b>0.043</b>	<b>mg/L</b>	1	12-May-2014 14:04
Hexachlorobenzene	ND		0.014	mg/L	1	12-May-2014 14:04
Hexachlorobutadiene	ND		0.014	mg/L	1	12-May-2014 14:04
Hexachloroethane	ND		0.014	mg/L	1	12-May-2014 14:04
Nitrobenzene	ND		0.014	mg/L	1	12-May-2014 14:04
Pentachlorophenol	ND		0.014	mg/L	1	12-May-2014 14:04
Pyridine	ND		0.014	mg/L	1	12-May-2014 14:04
<i>Surr: 2,4,6-Tribromophenol</i>	<i>98.8</i>		<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>12-May-2014 14:04</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>66.9</i>		<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>12-May-2014 14:04</i>
<i>Surr: 2-Fluorophenol</i>	<i>57.1</i>		<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>12-May-2014 14:04</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>78.1</i>		<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>12-May-2014 14:04</i>
<i>Surr: Nitrobenzene-d5</i>	<i>65.5</i>		<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>12-May-2014 14:04</i>
<i>Surr: Phenol-d6</i>	<i>106</i>		<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>12-May-2014 14:04</i>
<b>TCLP METALS</b>						
	<b>Method:SW1311/6020</b>		Leache:SW1311 / 09-May-2014	Prep:SW3010A / 14-May-2014	Analyst: SKS	
Arsenic	ND		0.0500	mg/L	10	15-May-2014 14:55
Barium	ND		0.200	mg/L	10	15-May-2014 14:55
Cadmium	ND		0.0500	mg/L	10	15-May-2014 14:55
Chromium	ND		0.0500	mg/L	10	15-May-2014 14:55
Lead	ND		0.0500	mg/L	10	15-May-2014 14:55
Selenium	ND		0.0500	mg/L	10	15-May-2014 14:55
Silver	ND		0.0500	mg/L	10	15-May-2014 14:55
<b>IGNITABILITY</b>						
	<b>Method:SW1010</b>				Analyst: KAH	
Ignitability	> 212		50.0	°F	1	15-May-2014 15:40

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Effective Environmental Inc.  
 Project: Frac Tank Cleaning RC4-2012-14  
 Sample ID: Frac Tank #A1475-Rinse Water  
 Collection Date: 02-May-2014 10:30

**ANALYTICAL REPORT**

WorkOrder:HS14050345  
 Lab ID:HS14050345-01  
 Matrix:Liquid

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
<b>TCLP MERCURY</b>						
	<b>Method:SW7470</b>		Leache:SW7470 / 12-May-2014	Prep:SW7470 / 12-May-2014		Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	12-May-2014 15:44
<b>LOW-LEVEL TEXAS TPH - TX1005</b>						
	<b>Method:TX1005</b>			Prep:TX1005PR / 11-May-2014		Analyst: RPM
nC6 to nC12	10		0.53	mg/L	1	13-May-2014 08:17
>nC12 to nC28	13		0.53	mg/L	1	13-May-2014 08:17
>nC28 to nC35	ND		0.53	mg/L	1	13-May-2014 08:17
Total Petroleum Hydrocarbon	23.0		0.53	mg/L	1	13-May-2014 08:17
Surr: 2-Fluorobiphenyl	104		70-130	%REC	1	13-May-2014 08:17
Surr: Trifluoromethyl benzene	102		70-130	%REC	1	13-May-2014 08:17
<b>PH - SM4500H+ B</b>						
	<b>Method:SM4500H+ B</b>					Analyst: AP
pH	6.70	H	0.100	pH Units	1	13-May-2014 12:01
Temp Deg C @pH	24.2	H	0	pH Units	1	13-May-2014 12:01
<b>REACTIVE CYANIDE</b>						
	<b>Method:SW-846</b>					Analyst: JML
Reactive Cyanide	ND	n	100	mg/Kg	1	12-May-2014 16:30
<b>REACTIVE SULFIDE</b>						
	<b>Method:SW-846</b>					Analyst: JML
Reactive Sulfide	ND	n	100	mg/Kg	1	12-May-2014 17:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.



**Client:** Effective Environmental Inc.  
**Project:** Frac Tank Cleaning RC4-2012-14  
**WorkOrder:** HS14050345

**DATES REPORT**

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
<b>Batch ID</b> 81818	<b>Test Name :</b> TCLP SEMIVOLATILES		<b>Matrix:</b> Liquid			
HS14050345-01	Frac Tank #A1475-Rinse Water	02 May 2014 10:30	09 May 2014 18:00	09 May 2014 14:44	12 May 2014 14:04	1
<b>Batch ID</b> 81826	<b>Test Name :</b> TCLP VOLATILES		<b>Matrix:</b> Liquid			
HS14050345-01	Frac Tank #A1475-Rinse Water	02 May 2014 10:30	09 May 2014 18:00	09 May 2014 18:00	15 May 2014 14:04	20
<b>Batch ID</b> 81831	<b>Test Name :</b> LOW-LEVEL TEXAS TPH - TX1005		<b>Matrix:</b> Liquid			
HS14050345-01	Frac Tank #A1475-Rinse Water	02 May 2014 10:30		11 May 2014 16:50	13 May 2014 08:17	1
<b>Batch ID</b> 81833	<b>Test Name :</b> TCLP MERCURY		<b>Matrix:</b> Liquid			
HS14050345-01	Frac Tank #A1475-Rinse Water	02 May 2014 10:30	09 May 2014 18:00	12 May 2014 09:39	12 May 2014 15:44	1
<b>Batch ID</b> 81956	<b>Test Name :</b> TCLP METALS		<b>Matrix:</b> Liquid			
HS14050345-01	Frac Tank #A1475-Rinse Water	02 May 2014 10:30	09 May 2014 18:00	14 May 2014 11:41	15 May 2014 14:55	10
<b>Batch ID</b> R233593	<b>Test Name :</b> PH - SM4500H+ B		<b>Matrix:</b> Liquid			
HS14050345-01	Frac Tank #A1475-Rinse Water	02 May 2014 10:30			13 May 2014 12:01	1
<b>Batch ID</b> R233606	<b>Test Name :</b> REACTIVE SULFIDE		<b>Matrix:</b> Liquid			
HS14050345-01	Frac Tank #A1475-Rinse Water	02 May 2014 10:30			12 May 2014 17:00	1
HS14050345-01	Frac Tank #A1475-Rinse Water	02 May 2014 10:30			12 May 2014 17:00	1
HS14050345-01	Frac Tank #A1475-Rinse Water	02 May 2014 10:30			12 May 2014 16:30	1
HS14050345-01	Frac Tank #A1475-Rinse Water	02 May 2014 10:30			12 May 2014 16:30	1
<b>Batch ID</b> R233788	<b>Test Name :</b> IGNITABILITY		<b>Matrix:</b> Liquid			
HS14050345-01	Frac Tank #A1475-Rinse Water	02 May 2014 10:30			15 May 2014 15:40	1

Client: Effective Environmental Inc.  
 WorkOrder: HS14050345  
 Project: Frac Tank Cleaning RC4-2012-14

## QC BATCH REPORT

Batch ID: 81831		Instrument: FID-10		Method: TX1005						
MBLK	Sample ID: FBLKW1-140511	Units: mg/L				Analysis Date: 12-May-2014 19:26				
Client ID:	Run ID: FID-10_233674	SeqNo: 2833999		PrepDate: 11-May-2014		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	ND	0.50								
>nC12 to nC28	ND	0.50								
>nC28 to nC35	ND	0.50								
Total Petroleum Hydrocarbon	ND	0.50								
Surr: 2-Fluorobiphenyl	2.419	0	2.5	0	96.8	70 - 130				
Surr: Trifluoromethyl benzene	2.319	0	2.5	0	92.8	70 - 130				

LCS	Sample ID: FLCSW1-140511	Units: mg/L				Analysis Date: 12-May-2014 19:56				
Client ID:	Run ID: FID-10_233674	SeqNo: 2834000		PrepDate: 11-May-2014		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	27.82	0.50	25	0	111	75 - 125				
>nC12 to nC28	23.44	0.50	25	0	93.8	75 - 125				
Surr: 2-Fluorobiphenyl	2.845	0	2.5	0	114	70 - 130				
Surr: Trifluoromethyl benzene	2.35	0	2.5	0	94.0	70 - 130				

LCSD	Sample ID: FLCSDW1-140511	Units: mg/L				Analysis Date: 12-May-2014 20:26				
Client ID:	Run ID: FID-10_233674	SeqNo: 2834001		PrepDate: 11-May-2014		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	26.58	0.50	25	0	106	75 - 125	27.82	4.59	20	
>nC12 to nC28	22.52	0.50	25	0	90.1	75 - 125	23.44	4.02	20	
Surr: 2-Fluorobiphenyl	2.552	0	2.5	0	102	70 - 130	2.845	10.9	20	
Surr: Trifluoromethyl benzene	2.227	0	2.5	0	89.1	70 - 130	2.35	5.41	20	

MS	Sample ID: HS14050330-01MS	Units: mg/L				Analysis Date: 12-May-2014 21:25				
Client ID:	Run ID: FID-10_233674	SeqNo: 2834003		PrepDate: 11-May-2014		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	25.63	0.47	23.69	1.837	100	75 - 125				
>nC12 to nC28	26.05	0.47	23.69	4.605	90.5	75 - 125				
Surr: 2-Fluorobiphenyl	2.747	0	2.369	0	116	70 - 130				
Surr: Trifluoromethyl benzene	2.142	0	2.369	0	90.4	70 - 130				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Effective Environmental Inc.  
WorkOrder: HS14050345  
Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: 81831		Instrument: FID-10		Method: TX1005						
<b>MSD</b>		Sample ID: <b>HS14050330-01MSD</b>		Units: <b>mg/L</b>		Analysis Date: <b>12-May-2014 21:55</b>				
Client ID:		Run ID: <b>FID-10_233674</b>		SeqNo: <b>2834004</b>		PrepDate: <b>11-May-2014</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	28.05	0.48	24.12	1.837	109	75 - 125	25.63	9.02	20	
>nC12 to nC28	26.15	0.48	24.12	4.605	89.3	75 - 125	26.05	0.383	20	
Surr: 2-Fluorobiphenyl	2.853	0	2.412	0	118	70 - 130	2.747	3.79	20	
Surr: Trifluoromethyl benzene	2.333	0	2.412	0	96.7	70 - 130	2.142	8.53	20	

The following samples were analyzed in this batch: HS14050345-01

Client: Effective Environmental Inc.  
 WorkOrder: HS14050345  
 Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: 81833		Instrument: HG03		Method: SW7470						
MBLK	Sample ID: GBLKW1-051214	Units: mg/L		Analysis Date: 12-May-2014 14:58						
Client ID:	Run ID: HG03_233567	SeqNo: 2831802		PrepDate: 12-May-2014		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury ND 0.000200										
MBLK	Sample ID: GBLKT1-050914	Units: mg/L		Analysis Date: 12-May-2014 15:19						
Client ID:	Run ID: HG03_233567	SeqNo: 2831810		PrepDate: 12-May-2014		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury ND 0.000200										
LCS	Sample ID: GLCSW1-051214	Units: mg/L		Analysis Date: 12-May-2014 15:00						
Client ID:	Run ID: HG03_233567	SeqNo: 2831803		PrepDate: 12-May-2014		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury 0.00453 0.000200 0.005 0 90.6 80 - 120										
MS	Sample ID: HS14050328-01MS	Units: mg/L		Analysis Date: 12-May-2014 15:05						
Client ID:	Run ID: HG03_233567	SeqNo: 2831806		PrepDate: 12-May-2014		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury 0.00517 0.000200 0.005 -0.000003 103 75 - 125										
MSD	Sample ID: HS14050328-01MSD	Units: mg/L		Analysis Date: 12-May-2014 15:06						
Client ID:	Run ID: HG03_233567	SeqNo: 2831807		PrepDate: 12-May-2014		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury 0.00525 0.000200 0.005 -0.000003 105 75 - 125 0.00517 1.54 20										
DUP	Sample ID: HS14050328-01DUP	Units: mg/L		Analysis Date: 12-May-2014 15:03						
Client ID:	Run ID: HG03_233567	SeqNo: 2831805		PrepDate: 12-May-2014		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury ND 0.000200 -0.000003 0 20										
The following samples were anayzed in this batch: HS14050345-01										

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Effective Environmental Inc.  
 WorkOrder: HS14050345  
 Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: 81956		Instrument: ICPMS05		Method: SW1311/6020						
MBLK	Sample ID: MBLKW5-051414	Units: mg/L				Analysis Date: 15-May-2014 19:22				
Client ID:	Run ID: ICPMS05_233771	SeqNo: 2837922		PrepDate: 14-May-2014		DF: 10				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0500								
Barium	ND	0.200								
Cadmium	ND	0.0500								
Chromium	ND	0.0500								
Lead	ND	0.0500								
Selenium	ND	0.0500								
Silver	ND	0.0500								

MBLK	Sample ID: MBLKT1-051414	Units: mg/L				Analysis Date: 15-May-2014 19:20				
Client ID:	Run ID: ICPMS05_233771	SeqNo: 2837921		PrepDate: 14-May-2014		DF: 10				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0500								
Barium	ND	0.200								
Cadmium	ND	0.0500								
Chromium	ND	0.0500								
Lead	ND	0.0500								
Selenium	ND	0.0500								
Silver	ND	0.0500								

LCS	Sample ID: MLCSW5-051414	Units: mg/L				Analysis Date: 15-May-2014 19:25				
Client ID:	Run ID: ICPMS05_233771	SeqNo: 2837923		PrepDate: 14-May-2014		DF: 10				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.4977	0.0500	0.5	0	99.5	80 - 120				
Barium	0.5185	0.200	0.5	0	104	80 - 120				
Cadmium	0.5239	0.0500	0.5	0	105	80 - 120				
Chromium	0.5198	0.0500	0.5	0	104	80 - 120				
Lead	0.5283	0.0500	0.5	0	106	80 - 120				
Selenium	0.5396	0.0500	0.5	0	108	80 - 120				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Effective Environmental Inc.  
 WorkOrder: HS14050345  
 Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: 81956		Instrument: ICPMS05		Method: SW1311/6020						
LCS	Sample ID: MLCSW5-051414	Units: mg/L			Analysis Date: 16-May-2014 14:32					
Client ID:	Run ID: ICPMS05_233830		SeqNo: 2838538		PrepDate: 14-May-2014		DF: 10			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Silver	0.4803	0.0500	0.5	0	96.1	80 - 120				
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<b>MS</b>	Sample ID: <b>HS14050307-02MS</b>		Units: <b>mg/L</b>		Analysis Date: <b>15-May-2014 19:40</b>					
Client ID:	Run ID: <b>ICPMS05_233771</b>		SeqNo: <b>2837929</b>		PrepDate: <b>14-May-2014</b>		DF: <b>10</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Arsenic	0.4804	0.0500	0.5	-0.000055	96.1	75 - 125				
Barium	0.5097	0.200	0.5	0.03577	94.8	75 - 125				
Cadmium	0.4909	0.0500	0.5	0.000209	98.1	75 - 125				
Chromium	0.4831	0.0500	0.5	0.000054	96.6	75 - 125				
Lead	0.4936	0.0500	0.5	0.002003	98.3	75 - 125				
Selenium	0.4918	0.0500	0.5	-0.000349	98.4	75 - 125				

MS	Sample ID: HS14050307-02MS		Units: mg/L		Analysis Date: 16-May-2014 14:34				
Client ID:	Run ID: ICPMS05_233830		SeqNo: 2838539		PrepDate: 14-May-2014		DF: 10		
Analyte	Result	PQL SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Silver	0.4342	0.0500	0.5	0	86.8	75 - 125				
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<b>MSD</b>	Sample ID: <b>HS14050307-02MSD</b>		Units: <b>mg/L</b>		Analysis Date: <b>15-May-2014 19:42</b>					
Client ID:	Run ID: <b>ICPMS05_233771</b>		SeqNo: <b>2837930</b>		PrepDate: <b>14-May-2014</b>		DF: <b>10</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Arsenic	0.4595	0.0500	0.5	-0.000055	91.9	75 - 125	0.4804	4.45	20	
Barium	0.5165	0.200	0.5	0.03577	96.1	75 - 125	0.5097	1.32	20	
Cadmium	0.4835	0.0500	0.5	0.000209	96.7	75 - 125	0.4909	1.52	20	
Chromium	0.4485	0.0500	0.5	0.000054	89.7	75 - 125	0.4831	7.42	20	
Lead	0.4956	0.0500	0.5	0.002003	98.7	75 - 125	0.4936	0.413	20	
Selenium	0.476	0.0500	0.5	-0.000349	95.3	75 - 125	0.4918	3.26	20	

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Effective Environmental Inc.  
 WorkOrder: HS14050345  
 Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: 81956		Instrument: ICPMS05		Method: SW1311/6020						
MSD		Sample ID: HS14050307-02MSD		Units: mg/L		Analysis Date: 16-May-2014 14:37				
Client ID:		Run ID: ICPMS05_233830		SeqNo: 2838540		PrepDate: 14-May-2014		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Silver	0.4287	0.0500	0.5	0	85.7	75 - 125	0.4342	1.28	20	

DUP		Sample ID: HS14050307-02DUP		Units: mg/L		Analysis Date: 15-May-2014 19:37				
Client ID:		Run ID: ICPMS05_233771		SeqNo: 2837928		PrepDate: 14-May-2014		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0500					-0.000055	0	25	
Barium	ND	0.200					0.03577	0	25	
Cadmium	ND	0.0500					0.000209	0	25	
Chromium	ND	0.0500					0.000054	0	25	
Lead	ND	0.0500					0.002003	0	25	
Selenium	ND	0.0500					-0.000349	0	25	
Silver	ND	0.0500					-0.000057	0	25	

PDS		Sample ID: HS14050307-02BS		Units: mg/L		Analysis Date: 15-May-2014 19:45				
Client ID:		Run ID: ICPMS05_233771		SeqNo: 2837931		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.9506	0.0500	1	-0.000055	95.1	75 - 125				
Barium	0.989	0.200	1	0.03577	95.3	75 - 125				
Cadmium	0.9717	0.0500	1	0.000209	97.1	75 - 125				
Chromium	0.9748	0.0500	1	0.000054	97.5	75 - 125				
Lead	0.9635	0.0500	1	0.002003	96.2	75 - 125				
Selenium	1.037	0.0500	1	-0.000349	104	75 - 125				

PDS		Sample ID: HS14050307-02BS		Units: mg/L		Analysis Date: 16-May-2014 14:39				
Client ID:		Run ID: ICPMS05_233830		SeqNo: 2838541		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Silver	0.9523	0.0500	1	0	95.2	75 - 125				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Effective Environmental Inc.  
 WorkOrder: HS14050345  
 Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: 81956			Instrument: ICPMS05			Method: SW1311/6020			
<b>SD</b>		Sample ID: <b>HS14050307-02 DIL SX</b>			Units: <b>mg/L</b>		Analysis Date: <b>15-May-2014 19:47</b>		
Client ID:		Run ID: <b>ICPMS05_233771</b>			SeqNo: <b>2837932</b>		PrepDate:		DF: <b>50</b>
Analyte	Result	PQL SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.250	0	0		-0.000055	0	10	
Barium	ND	1.00	0	0		0.03577	0	10	
Cadmium	ND	0.250	0	0		0.000209	0	10	
Chromium	ND	0.250	0	0		0.000054	0	10	
Lead	ND	0.250	0	0		0.002003	0	10	
Selenium	ND	0.250	0	0		-0.000349	0	10	
Silver	ND	0.250	0	0		-0.000057	0	10	
The following samples were analyzed in this batch: HS14050345-01									

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Effective Environmental Inc.  
 WorkOrder: HS14050345  
 Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: 81818			Instrument: SV-5			Method: SW1311/8270				
<b>MBLK</b>		Sample ID: <b>MBLK-81818</b>		Units: <b>ug/L</b>		Analysis Date: <b>09-May-2014 17:28</b>				
Client ID:		Run ID: <b>SV-5_233705</b>		SeqNo: <b>2834999</b>		PrepDate: <b>09-May-2014</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
Cresols, Total	ND	15								
Hexachlorobenzene	ND	5.0								
Hexachlorobutadiene	ND	5.0								
Hexachloroethane	ND	5.0								
Nitrobenzene	ND	5.0								
Pentachlorophenol	ND	5.0								
Pyridine	ND	5.0								
Surr: 2,4,6-Tribromophenol	79.65	5.0	100	0	79.6	36 - 126				
Surr: 2-Fluorobiphenyl	89.53	5.0	100	0	89.5	43 - 125				
Surr: 2-Fluorophenol	73.39	5.0	100	0	73.4	37 - 125				
Surr: 4-Terphenyl-d14	86.48	5.0	100	0	86.5	32 - 125				
Surr: Nitrobenzene-d5	84.7	5.0	100	0	84.7	37 - 125				
Surr: Phenol-d6	66.07	5.0	100	0	66.1	40 - 125				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Effective Environmental Inc.  
 WorkOrder: HS14050345  
 Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: 81818		Instrument: SV-5		Method: SW1311/8270						
<b>LCS</b>		Sample ID: <b>LCS-81818</b>		Units: <b>ug/L</b>		Analysis Date: <b>09-May-2014 17:51</b>				
Client ID:		Run ID: <b>SV-5_233705</b>		SeqNo: <b>2835000</b>		PrepDate: <b>09-May-2014</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	59.99	5.0	100	0	60.0	55 - 120				
2,4,6-Trichlorophenol	62.57	5.0	100	0	62.6	55 - 120				
2,4-Dinitrotoluene	30.73	5.0	50	0	61.5	55 - 125				
Cresols, Total	124.1	15	250	0	49.6	40 - 120				
Hexachlorobenzene	35.19	5.0	50	0	70.4	55 - 120				
Hexachlorobutadiene	37.97	5.0	50	0	75.9	55 - 120				
Hexachloroethane	30.32	5.0	50	0	60.6	55 - 120				
Nitrobenzene	36.15	5.0	50	0	72.3	55 - 120				
Pentachlorophenol	65.02	5.0	100	0	65.0	50 - 135				
Pyridine	26.58	5.0	50	0	53.2	30 - 120				
Surr: 2,4,6-Tribromophenol	82.96	5.0	100	0	83.0	36 - 126				
Surr: 2-Fluorobiphenyl	87.36	5.0	100	0	87.4	43 - 125				
Surr: 2-Fluorophenol	89.86	5.0	100	0	89.9	37 - 125				
Surr: 4-Terphenyl-d14	90.29	5.0	100	0	90.3	32 - 125				
Surr: Nitrobenzene-d5	91.29	5.0	100	0	91.3	37 - 125				
Surr: Phenol-d6	72.58	5.0	100	0	72.6	40 - 125				

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Effective Environmental Inc.  
 WorkOrder: HS14050345  
 Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: 81818		Instrument: SV-5		Method: SW1311/8270						
LCSD	Sample ID: LCSD-81818	Units: ug/L				Analysis Date: 09-May-2014 18:14				
Client ID:	Run ID: SV-5_233705	SeqNo: 2835001		PrepDate: 09-May-2014		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	72.39	5.0	100	0	72.4	55 - 120	59.99	18.7	25	
2,4,6-Trichlorophenol	74.11	5.0	100	0	74.1	55 - 120	62.57	16.9	25	
2,4-Dinitrotoluene	30.46	5.0	50	0	60.9	55 - 125	30.73	0.863	25	
Cresols, Total	107.1	15	250	0	42.8	40 - 120	124.1	14.7	25	
Hexachlorobenzene	35.65	5.0	50	0	71.3	55 - 120	35.19	1.31	25	
Hexachlorobutadiene	37.25	5.0	50	0	74.5	55 - 120	37.97	1.9	25	
Hexachloroethane	29.39	5.0	50	0	58.8	55 - 120	30.32	3.11	25	
Nitrobenzene	34.77	5.0	50	0	69.5	55 - 120	36.15	3.88	25	
Pentachlorophenol	67.66	5.0	100	0	67.7	50 - 135	65.02	3.97	25	
Pyridine	23.48	5.0	50	0	47.0	30 - 120	26.58	12.4	25	
Surr: 2,4,6-Tribromophenol	90.88	5.0	100	0	90.9	36 - 126	82.96	9.11	25	
Surr: 2-Fluorobiphenyl	94.37	5.0	100	0	94.4	43 - 125	87.36	7.71	25	
Surr: 2-Fluorophenol	83.66	5.0	100	0	83.7	37 - 125	89.86	7.15	25	
Surr: 4-Terphenyl-d14	82.77	5.0	100	0	82.8	32 - 125	90.29	8.7	25	
Surr: Nitrobenzene-d5	85.09	5.0	100	0	85.1	37 - 125	91.29	7.02	25	
Surr: Phenol-d6	69.81	5.0	100	0	69.8	40 - 125	72.58	3.89	25	

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Effective Environmental Inc.  
 WorkOrder: HS14050345  
 Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: 81818		Instrument: SV-5		Method: SW1311/8270						
MS		Sample ID: HS14050345-01MS		Units: ug/L		Analysis Date: 12-May-2014 14:27				
Client ID: Frac Tank #A1475-Rinse Water		Run ID: SV-5_233705		SeqNo: 2835018		PrepDate: 09-May-2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	219.9	14	285.7	0	77.0	55 - 120				
2,4,6-Trichlorophenol	194.3	14	285.7	0	68.0	55 - 120				
2,4-Dinitrotoluene	227.1	14	142.9	0	159	55 - 125				S
Cresols, Total	1220	43	714.3	797.7	59.2	40 - 120				
Hexachlorobenzene	126.3	14	142.9	0	88.4	55 - 120				
Hexachlorobutadiene	105.9	14	142.9	0	74.1	55 - 120				
Hexachloroethane	89.93	14	142.9	0	62.9	55 - 120				
Nitrobenzene	96.6	14	142.9	0	67.6	55 - 120				
Pentachlorophenol	235.1	14	285.7	0	82.3	50 - 135				
Pyridine	82.81	14	142.9	0	58.0	30 - 120				
Surr: 2,4,6-Tribromophenol	267.7	14	285.7	0	93.7	36 - 126				
Surr: 2-Fluorobiphenyl	192.5	14	285.7	0	67.4	43 - 125				
Surr: 2-Fluorophenol	184.6	14	285.7	0	64.6	37 - 125				
Surr: 4-Terphenyl-d14	226.1	14	285.7	0	79.1	32 - 125				
Surr: Nitrobenzene-d5	186.2	14	285.7	0	65.2	37 - 125				
Surr: Phenol-d6	252.2	14	285.7	0	88.3	40 - 125				

The following samples were analyzed in this batch: HS14050345-01

Note: See Qualifiers Page for a list of qualifiers and their explanation.



Client: Effective Environmental Inc.  
 WorkOrder: HS14050345  
 Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: R233593		Instrument: WetChem_HS		Method: SM4500H+ B					
<b>LCS</b>	Sample ID: LCS-233593	Units: pH Units		Analysis Date: 13-May-2014 12:01					
Client ID:	Run ID: WetChem_HS_233593		SeqNo: 2832454		PrepDate:		DF: 1		
Analyte	Result	PQL SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH	5.98	0.100	6	0	99.7	98 - 102			
----	------	-------	---	---	------	----------	--	--	--

<b>DUP</b>	Sample ID: HS14050388-01DUP	Units: pH Units		Analysis Date: 13-May-2014 12:01					
Client ID:	Run ID: WetChem_HS_233593		SeqNo: 2832455		PrepDate:		DF: 1		
Analyte	Result	PQL SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH	7.17	0.100				7.15	0.279	10	
----	------	-------	--	--	--	------	-------	----	--

Temp Deg C @pH	23.7	0				24	1.26		
----------------	------	---	--	--	--	----	------	--	--

The following samples were analyzed in this batch: HS14050345-01

Client: Effective Environmental Inc.  
WorkOrder: HS14050345  
Project: Frac Tank Cleaning RC4-2012-14

**QC BATCH REPORT**

Batch ID: R233788		Instrument: WetChem_HS		Method: SW1010						
<b>LCS</b>	Sample ID: LCS-233788	Units: °F		Analysis Date: 15-May-2014 15:40						
Client ID:	Run ID: WetChem_HS_233788		SeqNo: 2837250		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ignitability	83	50.0	84	0	98.8	95 - 105				
<b>DUP</b>	Sample ID: HS14050237-01DUP	Units: °F		Analysis Date: 15-May-2014 15:40						
Client ID:	Run ID: WetChem_HS_233788		SeqNo: 2837251		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ignitability	> 212	50.0					0	0	25	
The following samples were analyzed in this batch: HS14050345-01										

Note: See Qualifiers Page for a list of qualifiers and their explanation.

**Client:** Effective Environmental Inc.  
**Project:** Frac Tank Cleaning RC4-2012-14  
**WorkOrder:** HS14050345

**QUALIFIERS,  
ACRONYMS, UNITS**

<b>Qualifier</b>	<b>Description</b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<b>Acronym</b>	<b>Description</b>
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution

<b>Unit Reported</b>	<b>Description</b>
°F	Fahrenheit degrees
Date	
mg/L	Milligrams per Liter
pH Units	

---

**CERTIFICATIONS,ACCREDITATIONS & LICENSES**

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<b>Agency</b>	<b>Number</b>	<b>Expire Date</b>
Arkansas	AR - 2014	27-Mar-2015
California	06248CA 2013-2014	31-Jul-2014
Dept of Defense	L2231 Rev 3-20-2014	22-Dec-2015
Illinois	003403	09-May-2015
Kansas	E-10352 8/15/2013-2014	31-Jul-2014
Louisiana	03087 2013/2014	30-Jun-2014
North Carolina	624 - 2014	31-Dec-2014
Oklahoma	2013-024	31-Aug-2014
Texas	TX104704231-14-13	30-Apr-2015

**Client:** Effective Environmental Inc.  
**Project:** Frac Tank Cleaning RC4-2012-14  
**Work Order:** HS14050345

**SAMPLE TRACKING**

Lab Samp ID	Client Sample ID	Action	Date	Person	New Location
HS14050345-01	Frac Tank #A1475-Rinse Water	Login	09-May-14 12:04	PMG	TPH C2
HS14050345-01	Frac Tank #A1475-Rinse Water	Login	09-May-14 12:04	PMG	23B
HS14050345-01	Frac Tank #A1475-Rinse Water	Login	09-May-14 12:04	PMG	23B
HS14050345-01	Frac Tank #A1475-Rinse Water	Login	09-May-14 12:04	PMG	Sub



13-May-2014

Kristin Brown  
ALS Environmental  
10450 Stancliff Rd  
Suite 210  
Houston, TX 77099

Re: **14050345**

Work Order: **1405546**

Dear Kristin,

ALS Environmental received 1 sample on 10-May-2014 11:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 8.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

**Chad Whelton**

Electronically approved by: Chad Whelton

Chad Whelton  
Project Manager



Certificate No: MN 532786

## Report of Laboratory Analysis

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental 

[www.alsglobal.com](http://www.alsglobal.com)

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**Client:** ALS Environmental  
**Project:** 14050345  
**Work Order:** 1405546**Work Order Sample Summary**

---

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1405546-01	HS14050345-01	Liquid		5/2/2014 10:30	5/10/2014 11:00	<input type="checkbox"/>

**Client:** ALS Environmental  
**Project:** 14050345  
**WorkOrder:** 1405546

**QUALIFIERS,  
ACRONYMS, UNITS**

<b><u>Qualifier</u></b>	<b><u>Description</u></b>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<b><u>Acronym</u></b>	<b><u>Description</u></b>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<b><u>Units Reported</u></b>	<b><u>Description</u></b>
mg/Kg	Milligrams per Kilogram

**ALS Group USA, Corp****Date:** 13-May-14**Client:** ALS Environmental**Project:** 14050345**Work Order:** 1405546**Sample ID:** HS14050345-01**Lab ID:** 1405546-01**Collection Date:** 5/2/2014 10:30 AM**Matrix:** LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>CYANIDE, REACTIVE</b>			<b>SW7.3.3.2</b>			Analyst: <b>JI</b>
Cyanide, Reactive	ND		100	mg/Kg	1	5/12/2014 04:30 PM
<b>SULFIDE, REACTIVE</b>			<b>SW7.3.4.2</b>			Analyst: <b>JI</b>
Sulfide, Reactive	ND		100	mg/Kg	1	5/12/2014 05:00 PM

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**Client:** ALS Environmental  
**Work Order:** 1405546  
**Project:** 14050345

# QC BATCH REPORT

Batch ID: **R140574** Instrument ID **WETCHEM** Method: **SW7.3.3.2**

<b>MBLK</b>		Sample ID: <b>MB-R140574-R140574</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>5/12/2014 04:30 PM</b>		
Client ID:		Run ID: <b>WETCHEM_140512I</b>				SeqNo: <b>2756712</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Cyanide, Reactive ND 100

<b>LCS</b>		Sample ID: <b>LCS-R140574-R140574</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>5/12/2014 04:30 PM</b>		
Client ID:		Run ID: <b>WETCHEM_140512I</b>				SeqNo: <b>2756713</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Cyanide, Reactive 117.4 100 125 0 94 75-125 0

<b>MS</b>		Sample ID: <b>1405546-01AMS</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>5/12/2014 04:30 PM</b>		
Client ID: <b>HS14050345-01</b>		Run ID: <b>WETCHEM_140512I</b>				SeqNo: <b>2756731</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Cyanide, Reactive 234.9 100 250 0 94 50-150 0

<b>MSD</b>		Sample ID: <b>1405546-01AMSD</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>5/12/2014 04:30 PM</b>		
Client ID: <b>HS14050345-01</b>		Run ID: <b>WETCHEM_140512I</b>				SeqNo: <b>2756732</b>		Prep Date:		DF: <b>1</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Cyanide, Reactive 234.9 100 250 0 94 50-150 234.9 0 35

The following samples were analyzed in this batch:

1405546-01A

**Client:** ALS Environmental

**Work Order:** 1405546

**Project:** 14050345

## QC BATCH REPORT

Batch ID: **R140575**

Instrument ID **WETCHEM**

Method: **SW7.3.4.2**

<b>MBLK</b>		Sample ID: <b>MB-R140575-R140575</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>5/12/2014 05:00 PM</b>			
Client ID:		Run ID: <b>WETCHEM_140512J</b>		SeqNo: <b>2756734</b>		Prep Date:		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Sulfide, Reactive	ND	100									

<b>LCS</b>		Sample ID: <b>LCS-R140575-R140575</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>5/12/2014 05:00 PM</b>			
Client ID:		Run ID: <b>WETCHEM_140512J</b>		SeqNo: <b>2756735</b>		Prep Date:		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Sulfide, Reactive	1752	100	2149	0	81.5	60-120	0				

The following samples were analyzed in this batch:

1405546-01A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

1405546



ALS Environmental

## CHAIN OF CUSTODY RECORD

Page 1 of 1

Date 9 May 2014

COC ID 380

Due date 15 MAY 14

Subcontractor

ALS Laboratory Group  
3352 128th Ave.  
Holland, MI 494249283

Phone  
8163998070  
Fax  
8163998185

Customer Information		Project Information	
PO		Project Name	HS14050345
Work Order		Project Number	
Company Name	ALS Houston	Company Name	ALS Houston
		Inv Attn	Accounts Payable
Address	10450 Standcliff Rd, Ste 210	Address	10450 Standcliff Rd, Ste 210
	Houston, TX 77099		Houston, TX 77099
Phone	2815305856	Phone	2815305856
Email1	kristin.brown@alsglobal.com	Email2	

Lab ID	Client Samp ID	Collection Date	Matrix	Analysis Requested
HS14050345-01	Frac Tank #A1475-Rinse Water	02-May-14 10:30 am	Liquid	RCN_W
				RS_W

Comments Please analyze for the above. Due on 5/15/2014. Send report to kristin.brown@alsglobal.

Relinquished by:	Date/Time:	Received by:	Date/Time:	Cooler IDs:	Report/QC Level
<i>[Signature]</i>	5/9/14 1800.				
		<i>[Signature]</i>	5/10/14 1100		

3.6 c



Sample Receipt Checklist

Client Name: **ALS - HOUSTON**

Date/Time Received: **10-May-14 11:00**

Work Order: **1405546**

Received by: **DS**

Checklist completed by **Diane Shaw**

12-May-14

Reviewed by: **Chad Whelton**

12-May-14

eSignature

Date

eSignature

Date

Matrices: **Liquid**

Carrier name: **FedEx**

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on sample bottles?

Yes ☐

No ☐

Not Present ☒

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

Sample(s) received on ice?

Yes ☒

No ☐

Temperature(s)/Thermometer(s):

3.6 c

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage:

5/12/2014 9:07:07 AM

Water - VOA vials have zero headspace?

Yes ☐

No ☐

No VOA vials submitted ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☐

N/A ☒

pH adjusted?

Yes ☐

No ☐

N/A ☒

pH adjusted by:

-

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:

# LEVEL II DATA VALIDATION REVIEW

## US Oil Recovery Pasadena, Texas

**Laboratory Sample Delivery Group (SDG): HS14050345**

**Laboratory: ALS Environmental, Inc. Houston, Texas**

**Reviewer: Wendy Stonestreet**

**Date Reviewed: June 5, 2014**

This data validation report has been prepared by ENVIRON International Corporation (ENVIRON) to assess the validity and usability of laboratory analytical data generated from samples collected by Effective Environmental at US Oil Recovery (the "site") located in Pasadena, Texas on May 2, 2014.

The analytical data were evaluated for quality assurance and quality control (QA/QC) based on the following documents: *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (June 2008) and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review, January, 2010*. Analytical services for analysis of one sample were provided by ALS Environmental, Inc. (ALS) in Houston, Texas. Analysis for RCI was performed by ALS in Holland, Michigan.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness and comparability relative to the project data quality objectives. This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability of the data.

The following table summarizes the samples and quality control samples submitted to the laboratory:

Field ID	Sample Type	Lab ID	Matrix	Analyses			
				TCLP Metals	TCLP SVOCs	TCLP VOCs	RCI
SDG: HS14050345							
Frac Tank #A1475-Rinse Water	SA	HS14050345-01	Liquid	X	X	X	X

Sample Type: SA = Sample FD = Field Duplicate EB = Equipment Blank  
 TCLP = Toxicity characteristic leaching procedure  
 Metals = Resource Conservation and Recovery Act (RCRA) 8 Metals; Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver and Mercury by EPA Method 6020 and 7470.  
 SVOCs = Semivolatile Organic Compounds by EPA Method 8270  
 VOCs = Volatile Organic Compounds by EPA Method 8260B  
 RCI = Reactive Cyanide by Method SW 7.3.3.2, Reactive Sulfide by Method SW 7.3.4.2, Ignitability by Method SW1010 and pH by Standard Method 4500H+ B.

**General Overall Assessment:**

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (noted below).
- ☐ Some or all data are unusable for any purpose (detailed below).

**Case Narrative Comments:** Any case narrative comments concerning data qualification were noted below.

**1.0 Data Package Completeness**

*Was the data package complete and were all items delivered as specified on the COC (Chain of Custody)?*

Yes, the laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative. The laboratory submitted all required deliverables.

**2.0 Laboratory Case Narrative, Sample Preservation and Cooler Receipt Form**

*Were problems noted in the laboratory case narrative or cooler receipt form?*

Yes, the laboratory case narrative indicated the following:

- **pH** – Samples were received outside of method required holding time for pH. See Section 3.0 for further discussion and resultant data qualification.
- **SVOCs** – The MS/MSD recovery for one analyte was outside of laboratory control limits. See Section 7.0 for further discussion and resultant data qualification.

Samples were received at the ALS Environmental Laboratory in Houston Texas in good condition and at proper temperature  $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$  (one cooler at  $3.6^{\circ}\text{C}$ ). Sample preservation requirements were met.

**3.0 Technical Holding Times**

*Were samples extracted/analyzed within method specific holding time requirements?*

No. All samples were prepared and/or analyzed within method specific required holding times with the exception of pH results. pH analysis is an immediate test and the analysis exceeded the holding time requirement. The pH results were qualified "J" as an estimated values.

#### 4.0 Blank Contamination

*Were any analytes detected in the Method Blanks?*

No. Preparation (method) blanks were prepared for each batch of samples extracted. A method blank was analyzed after every continuing calibration standard, prior to sample analysis. No contaminants were detected in associated method blanks. Qualification of data was not required.

#### 5.0 Laboratory Control Sample

*Were LCS recoveries within evaluation criteria?*

Yes. The laboratory control sample (LCS) provides information on the accuracy of the analytical method independent of matrix effects. All LCS recoveries were within quality control criteria. Qualification of data was not required.

#### 6.0 Surrogate Recoveries

*Were surrogate recoveries within evaluation criteria?*

Yes. Surrogates are added to all samples prior to purging to evaluate the laboratory performance on individual samples. Surrogates were added to SVOC and VOC samples. All surrogate recoveries were within acceptance limits.

Qualification of data was not required.

#### 7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

*Were MS/MSD samples reported as part of this SDG?*

Yes. A matrix spike was performed from a site specific sample for SVOCs and reactive cyanide. Matrix spike results for all other methods were reported in this SDG from non-site specific samples.

*Were MS/MSD recoveries within evaluation criteria?*

Yes. MS/MSD recoveries were within acceptance evaluation criteria except as summarized in the table below.

Sample ID	Parameter	Analyte	MS/MSD Recovery (%)	MS/MSD/ RPD Criteria (%)
Frac Tank #A1475-Rinse Water	8270	2,4-Dinitrotoluene	159	55-125

MS = Matrix Spike MSD = Matrix Spike Duplicate RPD = Relative Percent Difference % = Percent

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long term precision and accuracy of the analytical method on various matrices. Analytical results reported as non-detect and associated with MS/MSD recoveries above evaluation criteria, indicating a high bias, did not require qualification.

## 8.0 Laboratory Duplicate Results

*Were laboratory duplicate samples performed as part of this SDG?*

Yes, as spiked duplicates which were discussed in the previous section. In addition laboratory duplicate results were reported as prescribed by the method for metals and ignitability and were within evaluation criteria. Data qualification was not required.

## 9.0 Field Duplicate Results

*Were field duplicate samples collected as part of this SDG?*

No.

## 10.0 Detects and Calibration Range

*For samples that were diluted and nondetect, were undiluted results also reported?*

No.

The following table identifies the analyses which were reported as nondetect, diluted, and an undiluted run **was not** reported:

Field ID	Parameter	Dilution Factor
Frac Tank #A1475-Rinse Water	8260	20
	6020	10

*For samples that were diluted, were the detected results divided by the dilution factors greater than the reporting limits and within calibration range?*

Yes; however data users should be aware of the elevated detection limits when evaluating data usage for comparison to project standards.

*For samples that were not diluted and detected, were the results within calibration range?*

Yes

## **11.0 Additional Qualifications**

*Were additional qualifications applied?*

No.

## **12.0 Overall Data Assessment**

EPA level II validation was performed on all samples. No transcription or calculation errors were found. The data are usable for its intended purpose based on an evaluation of the QC parameters discussed in this report.